Philadelphia March 5th 1832.

Dear Sir,

I have the honour of informing you that, at a Stated meeting of the Philadelphia College of Pharmacy held on the 28th of February last, You were unanimously elected an Honorary Member of that institution.

I transmit to you the accompanying certificate which the Members of the College beg you to accept as a testimony of their respect for your Scientific acquirements

I have the honour to be most respectfully
yr obt Servt

E. Durand

Corr. Secr. of the Phla Col. of Phz

CORRESPONDENCE
HERBARIUM

Dr John Torrey
New-York.

Philadelphia April 21st 1832.

Private

Dear Sir, Your favour of March 10th has been duly received and communicated to the College of Pharmacy; but your valuable edition of Lindley's introduction to the natural System of botany, has not yet come to hand. For this excellent work the Botanists of this country are highly indebted to you; but they expect still more from your talents and superior knowledge in this branch of the natural Sciences, that is a complete Flora of the United States, arranged according to this system. I hope — before long, to see such a book in my library by the side of the above, a copy of which I was happy to procure the very day it first appeared in this city.

The present, Sir, is intended to propose to you an exchange of European plants for american Specimens. I have just received from a friend a splendid collection of plants of the West & South of France, numbering about 550 genera & 1800 species with many duplicates. The family Graminaceæ is, in particular, very rich. Should you feel disposed to accept my proposal, I will, by the first opportunity, send you my Catalogue.

I am very respectfully

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

E. Durand

Dr Torrey, New-York.

TORREY ... HERBARIUM COLUMBIA UNIVERSITY.

Dear Sir

I take the liberty of submitting to your examination some doubtful species of my herbarium, with a request to affix your opinion about them and return them to me through Messrs Place & Souillard Druggists near the Park theatre. If you find any of them interesting, I will be happy to collect them for you, if possible, in the next summer and send them to you. I know the localities of almost all of them, but have no duplicates for the present. The Scutellaria, I suspect to be a new species, if not a variety of the ovalifolia which grew in quantity in the same locality. This specimen was the only one in flower; I intended to revisit the spot; but was prevented by circumstances. the plants appeared generally to be more hardy than the ovalifolia and not hirsute — The 3 specimens of Boehmeria seem to be varieties of the same species although the length of the petioles is very different; however that marked B. cylindrica seems to differ much from the larger leaf one, of which I have specimens with leaves almost alternate. The large leaf Caltha grows in abundance in the marshes of New-Jersey — I consider it to be the caltha palustris of the American Botanists, although different from the European species. The other specimen was found abundantly in a meadow about Doylestown; it is much smaller than the other and more likely the European C: Palustris, if I remember it well. It cannot be the integerrima of Pursh? — The two specimens of Lysimachia do not correspond exactly with the description of their specific names; but I cannot make them otherwise; both are from New-Jersey. I cannot refer the hypericum to any of the described species, except, in some regard, to the cistifolium of which it might be a variety — My sample adpressum from Conrad is very different of the cistifolium both which Mr Beck considers as being the same.

The Stachys of which I send a sample grows sparingly in this Jersey; I have never found it elsewhere. The plant named to Xerophyllum, with much doubt, was found solitary in a deep bog in new-Jersey — It is a beautiful plant and may be common in some localities, as it is occasionally brought to market by the Jersey people. most of the other specimens are from a parcel, I received from South Carolina, without names.

Permit me, Sir to apologize for the liberty I take of making so free with you — If I can be of any service to you, my collections and Duplicates are at your disposal; but in Science so intricate as that of Botany, a Student has to apply to authorities and yours is the best of the country.

Believe me Very respectfully your obt Servt

In haste.

E. Durand

Philadelphia Dec. 29th 1833.

BOTANICAL CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Recd. Febr. 16th 1834

Prof. Torrey, New-york.

Dear Sir, I took the liberty to adress you by Dr. Webster a few plants which I submitted to your examination. If you have been so good at to look at them and write your opinion about them, please return them by the bearer Mr. E. Ducatel brother to prof. Ducatel of Baltimore and my brother in law.

In comparing the europeam Agrimonia eupatoria with its american congener, I have found them, what I have long thought they were, different species. Our parviflora resembles much more the europeam, the other would deserve the appellation of americana. I send you a sample of a corydalis which is generally mistaken by our botanists for the aurea. it grows plentifully near the lower dam of the Wisahycon. Mr. Nuttall to whom I had occasion to show it, tells me that it has not been described and calls it parviflora. You may keep the sample as I have duplicates — any of my collection that I can furnish you, are at your service. In speaking of the corydalis aurea, I cannot but mention to you a mistake made by Decandolle through Mr. Rafinesque, who, probably from mistaking our corydalis parviflora for the aurea, has described this from aurea under another name; which description has been adopted by D. (See his prodromus) I am respectfully, Sir, yours &c.

E. Durand

Ans. July 25

Phila July 7th 1837

Profr Torrey, N. York.

Dear Sir,

I take the liberty of submitting to your examination a Cerasus which I collected a week ago in the Jersey. Dr Pickering suspects it might be a new species, as it differs from any of the specimens of the herbarium of the Academy of Natural Sciences and has never seen it before. He thinks however that it might be the same as that described by Rafinesque under the name of Sessilifolia, found in an early stage of flowering, in a similar locality. I have shown it to R. who owns he knows nothing about it. I mistook it for the Sphaerocarpa of Michaux.

This Cerasus is but a shrub 4 or 5 feet high, with spreading branches, much covered over with lichens, and very bushy. The foliage is of an agreable pale green colour with silvery pubescence. The green and unripe fruit was already as large as the wild cherry, round and slightly depressed at the end ○; but very scarce. It grows on an elevated and sandy bank of the river, 1 mile ½ above Bordentown, on Count Survilliers' place.

Are not No 2 & 3 the Vaccinium tenellum & Prinos laevigata? No 4 and 5 are remarquable varieties of the Salvia lyrata & Lysimachia quadrifolia. The first grows plentifully on the shady banks of a creek; The other, covers a considerable space of dry land with this uniform appearance all from the same locality.

Your respectful servant Ed Durand

Have you determined whether the plant I sent you 3 years ago was a Veratrum?

Phila July 25th 1837

Amd Augt. 21.

Dr Torrey, New-York.

Dear Sir,

I again take the liberty of submitting to your examination a few plants of my last collectings. You will find among them a perfect sample of the veratrum which I sent you several years ago. This time many specimens were collected by a black woman in the neighbourhood, to whom I pointed it out, with promise to give her one Dollar, If she succeeded in bringing me several specimens in a perfect state of florescence. She has supplied all our botanists & gardeners with it. I have received a few plants from Louisiana about 200, of which I will send you duplicates in a few days. Some of them are interesting and many new spec. The small Vicia you will find among the specimens sent, might be a n. s. Dr Pickering who has been occupied for several days to search in my herbarium for such plants as were not yet in the large collection of the Academy of Sciences and has taken from it 925 different species, thinks that among my american plants many may be found to be undescribed and wanting a scrupulous examination. They are at your service whenever you visit our city. I would be happy, could I have a monograph of the northern oenotheras, aster, solidagos & hypericum.

Yours respectfully

E. Durand

COLUMBIA UNIVERSITY

Recd Aug. 21.

Dr J. Torrey, N. Y.

Phila Augt 18th 1837

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Dear Sir,

Your obliging answer dated 25th last was handed by Dr Gray, whose agreable acquaintance It gave me an opportunity to cultivate a little farther. I send you by him a fascicle of Louisiana, Georgia and Norfolk plants, the last of which I collected myself a few weeks ago, in spite of the most oppressive heat I ever felt and myriads of ~~tic~~ sea ticks that infest the grass and even the sands of that neighbourhood. The Georgia plants were received from a young apothecary of this City, established at Savannah, whose zeal for the Science is highly promising to the botanical world and to his friends in particular. In order to excite his taste for exchanges, I presented him with a bundle of 4 or 500 specimens and I expect to establish with him a useful and permanent intercourse. The Louisiana plants are not in a fine state of preservation; but they may be interesting.

I have again taken the liberty of addressing you some queries; It is perhaps making too free with you; but I hope you will pardon me, You have listened to me with such Kindness before that I have become bolder. Until we have a general Species pl. of n. america, It is difficult to ascertain with precision the identity of our Species. Upon you, Sir, are our expectations concentrated and I hope it will not be long before your work is given to the public; By it, will the clouds of uncertainty, confusion and incompleteness that overcast our Science, be dispelled and a new vista be opened to guide smoothly our path in this now gloomy labyrynth in which we are engaged.

I speak as a botanist, although I do not deserve yet this enviable name: I am now but a mere collector of specimens,

Zealous, however, in this undertaking and firmly resolved to become one of the fraternity, when the proper time has arrived. I allways had a particular delight for Botany - I attended, when very young the Lectures of Jussieu & de Thouin and made several long explorations in the Western provinces of France with Mr Bastard, who wrote ~~the~~ an excellent flora of those regions; but since, constantly engaged in active business, I had to give up my affections for botany and to neglect its study. For 21 years I have been ~~tie~~ this county. New sights excited ~~my~~ old feelings; I could not see so many strangers without forming some acquaintances and extending to my European friends the delights ^ given me by of so many pretty Sylvan coquettes. I collected for them and every winter, 4 or 5 packages sailled for Havre; but I never kept any for myself before 1830, when I began my herbarium and established exchanges with European botanist; by means of which (and my own industry in this country) I have already filled 40 large portfolios, containing not less than 7000 specimens. Thus accumulating my materials for an elaborate study, when I am permitted to retire from business and live <u>in otio et vitæ commodis</u>. Therefore, sir, be not astonished at my simplicity and ignorance in the Science. I have not studied as yet; so I have no other diagnosis, but a mere Eye sight, a tact or habit of grouping plants together. Having no time to devote to study, I never take a book in my explorations; I never open one to examine a green plant — I take long trips (for exercise sake) a large

tin box on my back; no path too rocky for me, no hill too steep, no woods too thick, no marsh too muddy... until my box and the crown of my hat be completely full. The drying operation takes place on my arrival and the plants are no more looked at, generally, before the long nights of the winter have arrived. When disposed to classify them, I seldom recur to the generic descriptions; the mere aspect of the plant leads me, generally, to the genus; if mistaken, I go to another to which my plant seems to have some affinity - and most always do I find the genus by the specific descriptions. This is certainly a very defective system; but it saves time and for the present fulfills my object, which is above all to accumulate materials, especially those of american origin. A thousand pardons, my dear Sir, for this long digression. I entered upon it quite unawares.

Your amiable friend Dr. Gray has mentioned to me that during your geological Survey, You had visited the highest mountain of the State of N. York above 5000 f. high and found then a complete alpine vegetation - Could you safe for me your most indifferent specimens, I could give you in exchange other alpine plants from the altaï mountains or from Lapland. You have not given me your opinion about a small N. Jersey Vicia and an artemisia which I sent you in the last parcel.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Yours very respectfully

P. Durand

Dr. J. Torrey

Politeattention
of Dr. Gray.

New York

Read. Feb 3rd and 3rd

Philadelphia Febr. 2d 1838

Dr. J. Torrey, New-York.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

Dear Sir,

I have not been able sooner to answer your letter of Jan. 24; having had no opportunity to inquire from Dr Ruschenberger about the bark in question. I had, like yourself, read the article; but did not remember nor could I find where it had been published. You will find it in Dr Silliman's Journal of 1833 or 34, in a list of Chilian plants translated by Dr Ruschenberger. The name of the plant is Quillaia Saponaria Lam. and you will find the whole description in Lamark's Dictionnaire Encyclopedique. if you have not the work, I may send you a copy of the article. Dr R. whom I did not see himself, has given my friend a piece of the bark which I send you. I feel happy to learn positively that you are in earnest about publishing a flora of the United States - such work is much wanted - is absolutely necessary, for the Student of Botany, and none is better calculated than yourself to do justice to such an undertaking:

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

Receive my thanks for the pamphlet you have sent me; I have been fortunate enough as to find in my collection a handsome specimen of the Mactanthera Secontii. As my collection of american plants is now pretty extensive, and Dr Pickering, in perusing it, found several very doubtful specimens, should you desire to peruse it when you visit our city, I would keep it ready for you; That is, as my native & exotic plants are all mixed together, I would separate them, so as to shorten the labour. If my proposition be agreable to you, let me know it in time.

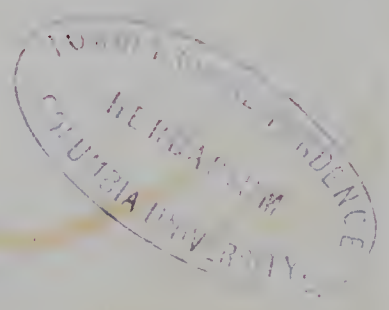
Yours very respectfully

E. Durand

Decandole in 2d vol of Prodomus places the Quillaja among the Rosaceae - see page 547 vol 2d. Lamark says cet ~~est~~ arbre est précieux dans le Chili. Son écorce pulvérisée & mêlée à une quantité d'Eau suffisante, devient mousseuse comme celle où l'on fait dissoudre du savon; Elle sert à dégraisser les laines et les autres étoffes. On fait avec cette écorce un commerce assés considérable dans le Perou & le Chili.

I will adress the bark to Chs de Behr's Foreign book store, Broad way; Please to call for it tuesday or wednesday morning, it will be there. My respects to Drs Gray & Pickering.

Dr R. Brought with him some extract of Quillaja which
it used instead of the pulverised bark. He gave away what he
had; but I think I can procure you some, should you
desire it.



PHILADELPHIA FEB 2

Dr J. Torrey

New York.

Dr Torrey,

Dear sir, I send you a few spec. of a variety? of Sisymbrium officinale found near the banks of the Schuylkill, between the Phia Ice house and the columbia bridge. It grows in pretty large quantities on the skirt of a thicket rather exposed to the sun. Every plant shows the same aspect, with stem almost simple, and the terminal lobe of the lower leaves remarkably obtuse, in other respects, it does not seem to differ from the S. officinale from which it may be but a deviation.

Yours respectfully
E Durand

Phil. June 19th 1838

Philadelphia July 31st 1838

Dr J. Torrey,

Dear Sir,

Your favor dated yesterday has just been received, 7 o'c. P.M. I leave Thisa tomorrow morning, with my family, for the mountains. At my return (8 or 10 days) I will see all my friends to obtain subscriptions to your Flora. I am certain of 5 or 6; but hope to find many more. Dr Darlington told me he would subscribe for two copies. None wishes more than myself for the success of your work —

I just find an opportunity for your city. Whilst I am writing, my assistant is engaged in examining the microscopes I have on hand, to chuse the best for you. I hope this will answer your purpose. The same gentleman returns in about a week, If you leave at Milhan's your package, he will take charge of it —

In great hurry yours sincerely

E. Durand

and

Philadelphia Augt 13th 1838

Dr J. Torrey, N. Y.

HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

On my return from the Country, last Saturday night, I found six copies of the first part of the Flora of N. A., a work so much wanted, so long expected and for which, in my particular, I most warmly thank you.

The greatest number of our botanical gentlemen being now absent from the city, I have not been able as yet to find more than five subscribers (including myself) who have each received and paid for their copy. These four subscribers are Drs Carson, Goddard, Swaine and Mr Jos. Coates. I calculate moreover upon the following: Drs Wood, Horner, Elwin, Bridges, Griffith, Messrs Allen, D. B. Smith, Read; The College of Pharmacy and the library of the town of Bethlehem. Thus, my dear Sir, I advise you to send me six copies more, as soon as possible, I will most likely place the whole of them. I learn with pleasure that our friend Darlington has obtained five subscribers in his little town of West-Chester. If there were as much zeal for the Science all over the U. S., your labor would be well remunerated. I hope, Sir, that at all events it will find a sufficient encouragement to permit you to carry it through.

I found in Bethlehem two very zealous botanists, Judge Wolle and Dr Huebener; They are both indefatigable Collectors but they want books, Collections and botanical advice. Squire W. is a self taught botanist; Although a frequent companion of the late Dr Schweinitz, in his peregrinations, He never studied botany but after the death of his friend. Dr Huebener was then a very young man; but he has learning, acuteness

Warmest enthousiasm; With good directions, I have no doubt but he will become an excellent botanist. I have advised him to correspond with you and to send you his doubtful specimens. I beg for him your attention in favor of his Zeal and intelligence. Among some of his observations, he mentioned to me that he had used repeatedly, with success, as a substitute for the Dolichos pruriens, the Slip hair covering the calix of the Corylus rostrata in a ripe state and that a sufficient quantity of the down might be produce to supply all the wants of the Phisicians of the U.S. The Shrub being exceedingly common on the Mountains. These gentlemen are not rich, but the Superior of the congregation told me he would use his influence for a subscription to your work by the trustees of the town Library. I will send them a copy and hope they will subscribe.

I have just received a box of plants from Georgia about 600 specimens. I have overlook them rapidely and put aside a number without names, or quir looking, which I will ~~send y~~ take the liberty of submitting to your for examination and naming. If any are desired by you, you are wellcome to them. Only send me their number and name that I may give it to my correspondent.

I have bought of Mr Nuttall his duplicates of the plants he is describing in your book, at the rate of 10 cents the specimen (sometimes 2 or 3 according to circumstances) My object being to form as complete an herbarium of A. Plants as possible, Am I too bold in making to you and to Dr Gray the same proposition for the new species you may describe, or any other plants of which I might send you the catalogue?

Yours respectfully

E. Durand

...DIA UNIVERSITY.

I have $7.50 at your disposal for the actual sale of 5 nos,

Philadelphia Augt 20th 1838

Dr J. Torrey, N. Y.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

Dear Sir,

Inclosed $10 for subscription to and delivery of 6 copies of part 1st of the North american Flora - The balance of $1.00 we will settle with the Nos I am daily expecting from you. Since my last, I had no opportunity of adding to the list of subscribers; my assistant is absent and for one week longer, and it is impossible for me to leave my store one moment.

I send to J. Milhau, for you a parcel of plants from a large invoice I have lately received from the South. Please to examine them and set the right names. If any of them may interest you you are welcome to them. Keep the numbers if you please that I may transmit the names

I hope that you will find a sufficient encouragement to continue your flora, if not what will become of the zealous botanists?

I received a few days ago your favor of the 9th inst. The package for Raff. is expecting his calling; That for Dr Bridges was sent to next day. If Pyrola asarifolia is the same as chloranta, I have numerous specimens of it. I had always considered them the same.

In great hurry yours sincerely

E. Durand

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIV.

Ans? Oct. 6th

Philadelphia 10 Sept. 1838

Prof^r Torrey, New-York.

CORRESPONDENCE
REGISTRUM
UNIVERSITY.

Dear Sir,

Since two weeks I have been confined to the house with sore eyes and unable to pursue my botanical studies or to occupy myself with the subscription to your work. I have, however, added to the list Dr Calhoun of the Jefferson's college and thus, with the 2 copies sent to Bethlehem, I have placed nine copies altogether; the 3 remaining will go also. Please to let me know whether you have received #10 that I sent you a fortnight ago, inclosed in a letter?

I have directed to J. Milhau another parcel of Southern plants. I do not know exactly from whom they come, as they have been received without advice or any indication as from whom or whence they came. You may probably recognize the writing and let me know it. I have but one correspondant in the South at Savannah, a pupil of mine; but about two years ago, a Member of Congress, a Mr Jackson of Georgia, gave me a letter of introduction to one of the Professors of Athens College, to whom I wrote for exchanges - I never received any answer and have since destroyed the copy of my letter and thus forgotten his name. This box came by a vessel from New Bern N. Carolina; but I think it must have been forwarded from Athens.

I have received the parcel of plants you have been good enough to send me; Your proposal is exceedingly liberal and I accept of it. My principal object is to is to complete, as far as possible, Myth. americum herbarium. If you are not in immediate want of Rafinesque's microscope, I will prefer lending you one until I have received another dozen I have just ordered - I have now but two on hand and the demand has been great since a couple of months. Your collection of American specimens must be so large that I can hardly offer you any duplicates of the plants I may have of this country, but if you wish for forcing plants, I will offer you any you may wish among my exotic specimens - When you come here, or when I have finished my catalogue which I would send you. Otherwise I will pay you your own prices. I have been amply supplied with Kentuckian plants by my friend Dr Peter. I send you below the list of plants, described in the 1st part of your Flora, that I have not -

Yours very respectfully

E. Durand

What have you done of the Podophyllum? they are included by a typographical error, I suppose, in the Berberideæ.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Clematis Baldwinii
douglassii
Wyethii
holosericea
Drummondii
parviflora
viorna
cylindrica
lineariloba
pitcheri
columbiana
Anemone alpina
parviflora
Baldensis
Richardsoniana
cylindrica
Ranunculus pallassii
auricomus
affinis
ovalis
brevicaulis
rhomboideus
cardiophyllus
lapponicus
sabinii
eschscholtzii
pedatifidus
hispidus
carolinianus
Schlechtendalii
Caltha asarifolia
natans
arctica
leptosepala
Coptis occidentalis
asplenifolia
Aquilegia coerulea
brevistyla
Delphinium californicum
vimineum
variegatum
nudicaule
Aconitum nasutum
columbianum
Actaea arguta
Cemicifuga americana
Thalictrum clavatum

Thalictrum filipes
alpinum
Magnolia cordata
fraseri
Uvaria parviflora
obovata
Schizandra coccinea
Berberis canadensis
aquifolium
Diphylleia cymosa
Nuphar lutea
var. Rubiana
Sarracenia rubra
Drummondii
psittacina
Papaver nudicaule
Meconopsis crassifolia
Chryseis crocea
coespitosa
tenuifolia
hypecoides
Platystigma lineare
Dicrythra saccata
lachenaliaefol.
Corydalis scouleri
pauciflora
Cheiranthus capitatus
pallassii
hesperidoides
Nasturtium lyratum
sessiliflorum
sinuatum
palustre
amphibium
obtusum
limosum
cernuum
natans
Streptanthus obtusifolius
maculatus
sagittatus
virgatus
glandulosus
flavescens
repandus
heterophyllus
cordatus
hyacinthoides
Turritis mollis T. retrofracta
stricta brachycarpa
patula diffusa

Arabis stricta
ambigua
heterophylla
sparsiflora
puberula
microphylla
Cardamine spathulata
digitata
Dentaria maxima
multifida
macrocarpa
integrifolia
californica
Parrya macrocarpa
arctica
Phoenicaulis cheiranthoides
Hesperis minima
menziesii
Sisymbrium sophioides
humile
pauciflorum
Erysimum lanceolatum
arkansanum
parviflorum
pumilum
grandiflorum
Pachypodium sagittatum
Stanleya heterophylla
viridiflora
Warea amplexicaulis
cuneifolia
Selenia aurea
Vesicaria arctica
grandiflora
repanda
nuttallii
brevistyla
gracilis
shortii
Alyssum hyperboreum
Draba algida
pauciflora
micropetala
muricella
oblongata
corymbosa
hirta
lapponica
stellata
laevipes
laevigata
arabizans
incana
glabella
unalaschkiana
aurea

D. platycarpa
carolinianа

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Cochlearia oblongifolia
anglica
fenestrata
~~Rodi~~ dactylites
groenlandica
spathulata
siliquosa
Camelina barbareaefol.
Braga alpina
glabella
pilosa
Platypetalum purpurascens
dubium
Eutrema edwardsii
arenicola
Aphragmus eschschl.
Platyspermum scapigerum
Thlaspi alliaceum
montanum
alpestre
tuberosum
Hutchinsia calycina
Lepidium Menziesii
californicum
lasiocarpum
nitidum
oxycarpum
latipes
Thysanocarpus curvipes
elegans
pulchellus
crenatus
Cleomella mexicana
Cleome serratula
lutea
Polanisia tenuifolia
Cristatella erosa
jamesii
Polygala cymosa
Baldwinii
setacea
bicolor
leptocaulis
Beyrichii
Boykinii
Chapmanii
Krameria lanceolata
Noisettia acuminata

Viola septemloba
selkirkii
langsdorffii
adunca
proemorsa
tripartita
glabella
ocellata
chrysantha
Ionidium stipulaceum
lineare
Drosera brevifolia
linearis
Parnassia parviflora
Kotzebuei
asarifolia
fimbriata
Lechea thymifolia
minor
drummondii
Hudsonia montana
Ascyrum pumilum
amplexicaule
microsepalum
Hypericum myrtifolium
ambiguum
sphaerocarpon
opacum
ellipticum
Paronychia drummondii
setacea
sessiliflora
herniarioides
Anychia baldwinii
Siphonychia americana
Stipulicida setacea
Spergula rubra
Merkia physodes

Houckenia peploides
oblongifolia
Sagina apetala
nodosa
subulata
Arenaria franklinii
juniperina
brevifolia
propinqua
hirta

Arenaria rubella
rossii
arctica
macrocarpa
ciliata
purshiana
buxifolia
Stellaria prostrata
jamesii
macropetala
uniflora
cerastoides
humifusa
gracilis
longipes.

Rec^d. Oct 15th
and 16th

Philadelphia 14 oct. 1838

Prof. John Torrey, N. Y.

CORRESPONDENCE
HERBARIUM
UNIVERSITY.

Dear Sir,

With a small package of oenothera & Jussiaea that I send you for examination, unable as I am to extricate myself from the difficulty of ascertaining their species, You will receive, inclosed, ten Dollars on act of subscription to your flora. The seven nos you sent me about a week ago are all gone. four were given to D. B. Smith, one sent to the Philosophical society, one to the Philadelphia Library and the last to the Pa Hospital. I have every reason to expect that these institutions will subscribe as well as the Blockley alms house and the College of Pharmacy. Please to send me as soon as possible six more copies which will complete 1/4 hundreth with those you have already forwarded. The new subscribers are Drs Wood, Horner & McMurtrie. 12 copies have been paid; the other will be so, as soon as I call for the money. Please to let me know if D. B. Smith has paid for the 3 copies you send him through me. I think I shall be able to place the remainder.

My eyes are gradually getting better; but I cannot apply them to botanical investigations. As I cannot use even the common magnifying glass, I will send you, if you desire, the only microscope I have left; I have made

use of it for some time; but it is in excellent order. My new supply, I shall not receive before a couple of months at least.

In the mean time I have begun my catalogue of american plants; When finished I shall be able to make a list of desiderata, and send you my doubtfull species, among which there are certainly some that I do not find described in the present books.

The gentleman who takes charge of this package will return in a few days, Please to send to Milhau the five copies wanted and the package of oenothera, if you have time to look at it.

Present my respects to Dr Gray and receive the expression of my best wishes

Yours respectfully

E. Durand

are not the Myriophyllum heterophyllum & ambiguum of Dr Hale the same species? I send you also my Lunardia, proserpina & myriophyllum.

...ESPONDENCE ...BARIUM ...UNIVERSITY.

Phil. Dec. 1st 1838

Prof. J. Torrey, N. York.

CORRESPONDENCE
HERBARIUM
UNIVERSITY.

Dear Sir,

With a Raspail's microscope, I send you a list of plants wanting in my american herbarium, for the favor of which I will be highly indebted to you, either for money, exchanges or other articles. I am so much the more desirous of completing my collection of american plants that I have in contemplation to return to my native land, in the course of next summer, if I can dispose of my establishment and property.

As to exchanges, I do not think that I can procure you any indigenous plants, that you have not already in your immense collection; but I have a copious herbarium of exotics, with many rare plants from the caucasus, alps and altaic mountains and from all parts of Europe. These, I will cheerfully exchange with yours, as my principal object is the completion of an american herbarium.

I have begun this list, where the first part of your flora ends, and perused the whole of Elliott, Nuttall & Beck, except the gramineae of which I have made but a very imperfect list, not knowing exactly what I have myself. Many of those included in this list of desiderata may already be in my possession, as I have a great number of doubtful specimens which I have not been able as yet to determine, but I will rather have authentic names, in your own hand writing, even at the risk of multiplying my stock of duplicates.

I shall not leave this country without seeing you in N.Y. and offering you my services in Paris and (If I go at all) I will spend a part of the summer in Norfolk, in my Wife's

family. There, I intend passing my time usefully and ramble the whole dismall Swamp, which, to this day, has been much neglected by our botanists. and I hope to have the chance of discovering a Durandia, should it be, like the golden apples of Hesperides, guarded by dragons or by Mocasins and rattlesnakes.

I have added another Subscriber to my list (21 in all) Eight or ten have not paid me as yet; but I will collect the whole, when I receive the second No. Many refuse to take it before the first Volume is finished. For God sake, do not be deterred from accomplishing your task; Your work will sell well, as it deserves! and you will ultimately reap the fruit of your labors.

× (Raf has paid me a visit to claim the 2 first Nos which he said you were to send him through me. He declined taking the first alone — perhaps because I mentioned cash down on delivery. He adverted to exchanges of books he intended to make with you, but to no purpose. Raf. says he is ready to publish a Supplement to your flora!!! God Knows whether the supplement will not be twice the size of your work.)

If you have leisure, please to put aside the plants that you can dispose of and send them to me by the Union line, with those I sent you for examination, and their names, if you please. I beg you to tell me how I shall repay Dr Hale for his splendid invoice. I have received no letters from him; nor have any acquaintance with him? If you write to him, be so good as to express my sincere acknowledgements for his polite attention.

Yours very respectfully

E. Durand

Prof. J. Torrey, N.Y.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I have just received your favor of Nov. 28th with a package of fifteen copies of 2d part of your Flora. As You have sent me 24 Nos of the 1st part; that I have already 21 Subscribers and every expectation to dispose of the 3 remaining, You will oblige me to forward me nine more to complete the former number; and as soon as posible,... for my Subscribers are all very anxious for every part. You will find on the other side a copy of my list of Subscribers, that you may Know them all. On the 21 copies delivered, I have received pay.t from 13 and Yourself from 3. (D. B. Smith) All the others will, I expect, pay on delivery of the second part and I will transmit you the money.

I am very thankful to you and to Dr. Gray for the copy you are pleased to present me, but I wish you to permit me to decline the offer, although exceedingly gratifying to me, as a proof of your Kind attention. But, my dear Sir, I appreciate how slowly a work of the Kind sells and how much labor and Money you will spend upon it. If it were a romance or a family something, I would not refuse. So, permit me to remain a Subscriber, to see my name, first on the list, in so good a company and to continue to Bestow upon your excellent work all my zeal and good Wishes for its Succes, without any other Enumeration but the continuation of your friendship and Kindness to me.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

I have the microscope packed up for you, with a long list of desiderata and a letter written a week ago. They are directed to Millhan and expect only a good opportunity. All the new species that are not described in Elliott, Beck and Nuttall's genera are of course to be added.

Should it be agreable to you, I will pack up my whole herbarium and send it to you. You will have more time to perus it and it will be for me an excellent and very much desired opportunity of having my mistakes corrected and my doubtful plants ascertained.

Yours very sincerely

E. Durand

Phil. Dec. 4th 1838

CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Dr J. Torrey, N. Y.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Dear Sir,

I have perused, with the greatest satisfaction, the whole of the 2d part of Flora of N. A. It has cleared many a doubt and dispelled my perplexity about some species, until now separated by authors, ~~and~~ that I was vainly trying to ~~find out~~ distinguish: such as several Stellaria, cerastium, phaseolus, astragalus, &c. American Botanists have now a solid ground to walk upon and a polar star to guide their researches! I hope your work will be appreciated and sufficient encouragement given to permit you to continue and arrive soon at the end of it.

I send you a Cerastium? which I think the bractcatum of Raf. although he has not recognized it when shown to him several years ago. it a C. and not Raf.'s I do not see it described in your flora. This plant grows abundantly in fields along the Schuylkill, 2 miles from the city, and forms a complete white sheet covering large surfaces; on the edge of the water the well characterized C. arvense grows plentifully, which made me think that it might be a modification of this brought by a dryer soil. I have also found, among my Vicia, one from the sea shore near Boston, with solitary and geminate flowers, the size and colour of the sativa; but with leaves not retuse and rather acute and mucronate the whole plant is villous, especially at top, the divisions of the calix very long indeed and subulate. I can hardly become reconcil~~ate myself~~ with seeing as varieties the Rynchosia monophylla and erecta, although

they seem to run into each other through the variety intermedia of which I have a good specimen with middle leaflet rounded and the same rugose veins of the monophylla; should not that be an hybrid. I have met with both of them in the Southern States (Norfolk); their habitus seem so different; one generally a procumbent and low plant, the other an erect and sometimes a hardy plant. the smallest specimens of the erecta found in the sands of the sea bear more rugose and pilose leaves, of a darker brown colour; among them I have found the roundish leaflets; but never any indication of identity. The fact is the erecta was there very common and the monophylla rather scarce. The spikes of the latter are generally more crowded than the others which have seldom more than 3 or 5 flowers. I have both Meliotus parviflora of Pointurier and occidentalis of Nuttall from the oregon and I can assure you your division is just; They are exactly the same, unless a microscopical investigation find some difference; but my eyes do not permit me to use the instrument. Among the plants I have received from Mr Nuttall, I have the following names appended to it. which I have not been able to refer to your corrections. Sophora sericea from River Platte. Phaca heterophylla. Oxytropis mollis & Phaca longipoda & Leptophylla. The latter is allied with to pectinacea? and, I believe, Oxytropis mollis might be referd to Phaca frigida?

I have distributed your 15 copies of No 2 and will try to collect them, money in the course of the week. I expect the balance shortly. I have not as yet found an opportunity for N. Y. they are scarce.

I send you herein a list of the plants of No 2, wanting in my collection.

I am, my dear sir, respectfully your devoted friend

E. Durand

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

Phila 10 Dec. 1838

is the plant called by Nuttall. Fusanthe californica his Calyptridium monandrum?

In the list I made from part 1st I marked by mistake the Sypho-nychia americana; I had mislead it. I received it among those you sent me some time ago.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

A plant inside

I have always considered the Dianthus prolifer of Bartram's garden to be the identical caroliniana found near Charleston and never heard that this plant had been found since Walter. I have heard the story of it's voyage; but cannot remember from Whom. This plant is now completely naturalized, not in Bartram's garden but between this and the Schuylkill on a small patch of ground and a rock that had been hollowed into a trough

Ans. Jany 9th 1839

Philadelphia Jan. 7th 1838 [9]

Dr. J. Torrey, N. York

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I have not as yet received all the amount of subscriptions to your Flora; but the rest will come in gradually, Except Prof. Griffith of Va & Messrs Rubener & Wolle of Bethlehem. I send you, on other part, a draft upon Mr. J. R. Chilton which settles very near all that is coming through me. Three more copies in hand.

Yours Sincerely

C. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Rec. Jany 18th 1835

44A

Prof. Torrey, N. York.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I have your favor dated 21 Dec. and 9th January, bringing me an order upon Carey, Hart & Co with whom I have settled this day for ten copies sold by them. I send you within their check for $24, which you will collect without difficulty through your banks. Be quiet about me and my plants, I would not subuit you to any inconveniece for your attention to them; when you have leasure to bestow upon them, it will be time enough. It is still doubtful whether I shall go to Europe or not. As each are my terms, it is more difficult to find than was expected by him with whom I had contracted. When ready, I will let you know it in time, to give you the opportunity to send to your friends.

X (I write in great hurry, disturbed incessantly by customers & anxious to get rid of them to cross over to the opera. I expect a good deal from the voyage of Dr Gray to whom I beg to be remembered. As you have spoken of R. do you know his new genus Rafinesquia?- if you do not, guess what it is ~~than~~ The Cardoequia Hookeri. You see that he has not been a fool in his choice. It is a beautiful plant, more bashfull than he is himself.)

Yours respectfully

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Jan. 15th

Philadelphia Sept. 7th 1839

Profr J. Torrey, N. Y.
Ans. Sept. 10th

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I have the pleasure to acknowledge the receipt of your letter dated 29th ultr, which I received yesterday. I know too well how to appreciate your multifarious occupations, to imputte your long silence to intentional neglect. I shall receive with pleasure the specimens you are returning to me corrected, as well as the duplicates you are good enough as to lay aside for me. Their arrival will compensate me for the last six months privations, during which the pressure of my business has not permitted me to make a single herborisation, nor handle a single plant.

I have not been able, as I expected, to wind up my affairs and return to Europe; I found more difficulties in the way than I thought likely to meet with and I begin to loose hope ever to be able to execute my project, as long as the financial affairs of this country remain in the present critical situation. My intended visit to the Swamps of Virginia and Carolina has, of course, been foiled. Considering my departure as certain, I found an opportunity, last winter, to sell all my exotic herbarium, which had increased to such mass, through my numerous exchanges with European Botanists, as to become otherwise incumbrous to me. I do not regret it, for I find my collection of American plants quite sufficient to occupy all the moments of leasure that I can bestow upon our Science. I have at last received a letter from Dr Hale, remembering me our former acquaintance and mutual proposals of exchange. I had forgotten his name. I shall not be able to prepare any thing for him, before the long nights of Winter; but I will do it to the full estent of my means.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

I am much gratified at the success of Dr Gray's visit to Europe, and his daily expected return to this country. Our Subscribers are anxious for the third No. Volume

of your Flora. I have no doubt but the Subscription will be increased when the first volume is completed. I found a general reluctance in subscribing to a work published by numbers, which I think will not exist when there is a certainty of having the whole soon published. I am sorry that you did not beat us by at least one hundred in your own State; but I have no doubt of the ultimate success of your work; only finish it and your expectations will not be foiled.

I send you a five Dollars note which very nearly settles our account. I give you herewith a copy of my subscription list. I must have forgotten to note one of your invoices as I find only 39 numbers received. I do not remember exactly how many you had sent directly to D. B. Smith. I have 2 full copies on hand.

Yours respectfully

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

12 Sept. 1839

Dr. John Torrey

And Decr. 2011

Ask Dr. [illegible] if he has Endl. gen. pl. Compare the Sax. cross with sp. in Phil. Soc.

CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

Dear Sir,

I send you the Saxifraga which has fixed your attention; Why did you not keep it at once? When I subd it anything to a magister Scientiae, I always understand that he is well come to the rarities or novelties that he may find in the parcel; I am sorry there were not many others to repay you for the trouble I have given you. This collection of Dr. Hale is really interesting; I have no doubt but you will make out 10 or 12 new species. I am very thankful for the thorough examination you have made of my plants; Their arrival has revived my failing propensities for the Science. Having no time in the day, I have spent two nights in reviewing them. I have not seen your paper on the Empetrum Conradii; but I hope to receive it with a specimen of this rare species. I have a small sample of your Nuttallia Cerasiformis from Nuttall.

This saxifraga, I have received from Jacob Wolle of Bethlehem. I have written to him to send me for you several specimens with ~~the local~~ designation of locality and time of flowering. I requested him also to send me all his doubtfull plants; I know him

to have made several excursions to the mountains and brought a large harvest. He is a most indefatigable botanist, full of enthousiasm; but rather obstinate in his notions and having seen no other plants but those he has collected himself. Should he publish a flora bethlehemica, You will see many new genera and species that you did not suspect. But for all, Squire Wolle is the best man I ever knew, a most excellent Moravian quaker who loves music and botany better than quarrels and legal contentions. Having hardly anything to do in his Capacity of Justice of the peace among his most quiet co-religionists, he tickles his Violoncello in bad Weather, and overclimbs the mountains for plants in sunny days. Last time I saw him, he was coming from Quakerbridge where he has spent a day; but was driven out by musquetoes in the most dreadful condition - his hands & face as if he had the variolöid and swollen to an enormous size. He half swore he would never revisit the Marshes of N. Jersey in the month of August without a false face and a pair of thick gloves. I think Mr Wolle would be a useful correspondent for you, one line to him, with a little strain of compliment, and he starts for the mountains marshes in search of all their botanical Wealth. I have not seen all his collection; but he says he possesses among

Can et new plants.

Please to let me know in your next letter. How it is that I have delivered more copies of your work than I have entered as received from you. I must have forgotten an invoice. How many did you send directly to D. B. Smith & others? probably the difference lays there.

Yours very respectfully

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Recd. Dec 26th 83
Ans. March 3rd

Dr Torrey

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I have but time to let you know that I have just received your letter of 22d instant. I shall attend to your enquiries about the saxifraga cross of Pursh. The sample, without flower, that I have lately received from Wolle and the only one he could dispose of for the present, has leaves rounded at the end, whilst Pursh describes them as acute. I will, to morrow, go to the Philosophical society and see that of Pursh. Wolle tells me that this species is very common in a meadow near Bethlehem and that he will collect as many specimens as he can.

The description of Emphytum consardii is not in the Pamphlet you have sent me; but those of Macanthera, yes it is.

Dr Darlington has 10 nos of Endicher's genera — shall I request him to send them to Dr Gray?

I sent you about 6 weeks ago a parcel of plants from a young gentleman of Nashville — and a few days ago the manuscript of Mr Nuttall — Have you received them. Among the Tennessee plants is a singular

plant allied to Gerardia — What is it?

I received a letter from Dr Hale to whom I have sent in return for his splend'd endowm, as many of our Pa plants as I could get. I expect another autumnal collection from him. The young Tennessean is a friend of my old friend Troost; ~~He~~ has given me a few plants and promises more for next year.

Yours respectfully

P. Durand

in great haste —

BOTANY CORRESPONDENCE
HERBARIUM
CORNELL UNIVERSITY.

Philadelphia Jan. 20th 1840.

Recd Daly 9 at Princeton

Dr John Torrey

I have just heard that a letter adressed to you about three weeks ago through a friend of mine, had been lost on the way with his bagages. As it related to the queer Saxifraga, I will try to remember what I said about it.

According to your desire, I called at the Philosophical Society and sought in Barton's herbarium for the Saxifragas. I found only three specimens; S. Leucanthemifolia. S. pennsylvanica and the same lable with the addition of indistincta ?? in Pursh's hand writing "between sweet springs and union town in a run along the road" This I took for his erosa and the shape of the dentations characterized the signification of erosus (Known by caterpillars) The plant of Pursh is not unlike our specimen; but its dentations are not so deep and I could not see the ciliate border which is so appearent in our plant. The specimen of P. is imperfect; it has only 2 leaves about 8 inches by nearly 2. I will try to give you the figure of it in the next page. I could not compare the stem and flowers as my specimen has only radical leaves.

I have not received any more money for your work. Mc Murtrie The Alms house, our friends of Bethlehem are still in arrears. The whole will come when the 3d number is delivered. We all expect it

with anxiety. I had no opportunity to see D. B. Smith but I believe that I was very exact to note every number that I received from you, when they came to hand, and that the account I sent you is right; I sent you a leaf of my specimen of Saxifraga in which the hair of the border are very apparent.

Please to present my compliments to Dr. Gray and believe me respectfully

Your devoted Servt & friend

L. Durand

ACCESSIONS CORRESPONDENCE
BELGIUM
1887.

in haste

41

Phil. July 11th 1840

Prof. John Torrey.

LIBRARY
NEW YORK
BOTANICAL
GARDEN.

Dear Sir,

I hasten to acknowledge your favor of the ninth and to let you know that I have not as yet received the last Nos of your Flora, which, you tell me, were sent to me two or three weeks since. I expect them anxiously as well for my own gratification as for satisfying those who call upon me for their copy. As soon as I receive them, they will be delivered to those who have paid in full for the preceding; but I will let the delinquents know that they have to call themselves for their copies. Among them are the Alumnus — for 2 Nos; Haebener & Wolle for each one No and Mc Mastin for another — In all $7.50 - I have yet 2 Nos in hands.

I hope, my Dear Sir, that you will find at last enough encouragement for continuing the publication of your excellent work; Several persons who feared to subscribe, in fear that it would not be continued, will now come forward for the first volume. It would indeed be a great disappointment for those who have given you their support, if the work was discontinued on account of the backwardness of selfish botanists. An entirprize like yours is always more honorable than profitable; but if you can only go to the end, it will be a fund the value of which will increase every year. You may depend that I will renew my endeavours to obtain new subscribers.

Given by A. M. VAIL. from the J. D. Smith Collection

Have you received a new parcel of Dr Hale's plants from Dr Hale. I had a letter from him last fall, advising me that he had sent to New-Orleans to boxes, one for you and the other for me; but I have not as yet received anything. When you study or peruse your botanical specimens, do not forget to lay aside a few duplicates for me. I have not lost the hope of returning to my native country and when I do, I must be able to show them the vegetable wealths of America and that I have not been idle in that branch of natural science.

I remain, Dear Sir, your
respectful friend

C Durand

Red. Bay. 25

Dr Torrey

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Sir,

I receive at the present moment a package of a few plants from Squire Wolle, with Specimens of his Saxifraga for you and Dr Gray. He sends me in the same time a few plants to examine which I transmit to you in Statu quo, having the opportunity of Profr Green who makes his packages for his villa in Princeton. Pleas to say what they are as I have not time to look at them and if they are not of any value to you send them back to me. I have received $ 21 on the last Nos and $ 3 on the 2d a/c. You may draw upon me for this amount. Being Saturday, I have deposited all the money I had so as to [redacted] hinder me from sending it to you.

Yours very respectfully

E Durand

August 1 1840

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Prof. Torrey

Dear Sir

I have enjoyed the opportunity to see Dr. Gray and spend with him several agreable evenings, looking over some families of my herbarium. I regret exceedingly not to have had the occasion to pass the whole as I might have corrected the many errors it contains.

Having learn of your late arrangements with your publishers, Messrs Wiley and Putnam, I have just written to them to remit them the act. Cts of my list of subscription and decline to have any more to do with the distribution of the plants and with the collections, which is the unpleasant part of it. This trouble I took for you and Dr. Gray without reluctance; but now, that my position is changed, I really decline it with pleasure. It is exceedingly annoying to have to tease acquaintances and sometimes offend when they are in arrears.

I sent you some time ago a bundle of plants received from Spruce Wallis, for your examination. He has written to me several times to be made acquainted with your decision. Dr. Gray tells me that you have examined them and sent them to me; but they have not come to hand.

(copy

Our poor Rafinesque is dead, without having completed his great work upon the new genera of North american plants and his numerous works announced these several years. The poor man is dead broken hearted by all the miseries he has experienced by his financial undertakings. He leaves a large heap of specimens which I fear are in a wretched condition.

With the expectation to see you in Phila in the course of the Winter

I remain yours respectfully

E. Durand

(November 25th 1840)

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dr. J. Torrey, N. Y.
Recd. May —
And. May 20th

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Dear Sir, I send you in haste a volume of my herbarium containing the genera you are studying.

Your letter dated 19th ultimo, accompanied with sundry packages, was duly received and the parcels distributed or forwarded. I rejoice to see that you have not forgotten my desiderata of N. Y. plants. I am indeed very anxious to increase my collection and render it worthy, at some period, to be presented to some scientific institution in my native country. To forward my object, I should like you to put me in the way of exchanging the duplicates of my herbarium for other plants that I have not yet obtained. My intention is to make a list of my duplicates to send to any botanist who would be disposed to exchange with me, requesting a similar list from him in order effectually to increase the number of species of our herbaria and not that of our duplicates. You will see by the vol. I now send you that I have a great number of duplicates of interesting plants.

I regret that I had not the chance of sending you all the families you have already described, as I would be sure of the authenticity of every one of them; I hope You will here after write to me for the remaining families as you will study them.

Nicolet has been here for about 2 weeks. I am much mistaken if I did not understand him say

That you were to keep a set of his plants. The 2d set will be for the National institute in Washington, the 3d I hope for my self. Please to let me know when you return them that I may apply in turn.

Mr Natall started yesterday for Washington where he has been called to arrange the collections received from the expedition. He has also engaged in republishing Michaux's Sylva americana

Yours very respectfully

E. Durand

May 7th 1840

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Rec'd July 12 1841

Phil. July 4th 1841

Dr John Torrey,

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My dear Sir,

I had but a slight glimpse at Dr Gray When he passed through Phila, on an excursion to the south. He left with me a bundle containing my solidagos, the genus Aster of the herbarium of the Academy of Sciences and a small parcel directed to Dr Lea of Cincinnati. The two last have been disposed of as recommanded. I have been astonished to find but a part of my solidagos determined; Why have you not kept them longer? This circumstance has led me to think that you had deferred the publication of the last number.

You inquired in your last favor about Rafinesque herbarium. I can now tell you that it has become my property. I did not intend to buy it, as it was too voluminous and I knew it contained a vast deal of trash. I proposed to the executor to take from it whatever plant would suit me and pay 10 cents per specimen. This I thought advantageous to both parties. I would have thus increased my collection without incumbrance & without diminishing the value of the herbarium. I proposed other means of disposing of it most advantageously but finally it was exposed to public sale, without a single bidder and left afterwards for 5 or 6 months in a garret room of the auction establishment, where it has been exposed to the depradations and filth of an army of Rats by which it has been partly destroyed. For several reasons, not a single individual has made an offer to buy it and the principals

(on my ~~account~~ part) was that I could not obtain to peruse at least a part of it to form an idea of its contents; the few packages that I was allowed to open, were in the most miserable state, and named with the most barbarous appellations, and, besides, the species so numerously extended that I was disgusted with the idea even of opening other parcels.

At last after suffering extensive damage, I was forced, as it were, to take it for a small sum and I assure you very reluctantly. I have spent three weeks to clean it; to separate and throw in the scavenger's cart about one half of it; change the greatest part of the papers, &c. &c. Such trash you cannot imagine; but in that dung-hill there are a great number of precious pearls which will amply repay all my troubles.

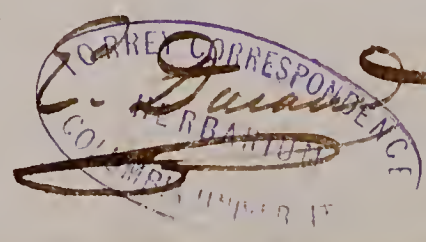
This famous collection was divided in two parts; his herbarium proper and his duplicates. The last contains a great number of beautiful specimens from Drs Short, Riddle, Wrage & others, and the greatest part collected by him in this neighbourhood; among our most common plants and not above 300 species in all. The first part contains all the herbarium of collins, and Balwin, his own Kentucky plants; a large number of exotics, many plants marked Texas, which I suspect are mexican and only supposed to grow also in the near-republic; and some marked Labrador and Oregon which I am also strongly inclined to consider Alpine European plants, because the labble is in a german or french hand, with the locality Oregon marked with his own pen.

I assure you that I have been astonished at the number of beautiful and rare specimens contained in this herbarium. I have no doubt that I will obtain from it an addition to my collection of at least 500 new plants, with duplicates enough to exchange with the whole ward. There are certainly many new ~~speci~~ plants in it; but not the 2000 which he mentions in ~~the~~ the preface of one of his works, unless you acknowledge his easy method of forming new gen. & species.

I keep this herbarium at your disposal and I think really you will find it worthy of your examination and probably a great No. of duplicates that are wanting in your extensive collection and are put at your service. Let me know the families you wish now to have; I will select those only that are rare or peculiar or ~~of~~ which he has made new subjects to his nomenclature. I will send it by packages as I put it in order and find opportunities to transmit them through Milhau or Souillard.

I have now the means of making exchanges, if any should apply to you for that purpose, I am the man! ~~of~~. Before purchasing R.s collection, I prepared three lists for Dr. Chapman, Curtis and Barratt; but now I shall postpone my correspondence with those gentlemen until I have ascertained the accession I may make to my herbarium by means of my late acquisition.

I am, my dear Sir, very respectfully
Yours &c



C. Durand

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

Professor John Torrey

New York.

TORREY CORRESPONDENCE
THE LIBRARY
PRINCETON UNIVERSITY.

Prof. J. Torrey, Princeton, N.J.

Dear Sir,

I received yesterday from my friend Col. Peire of N. Orleans, a letter advising me that he had heard his son, Alfred P., a pupil of Princeton College, had left that institution for cause of sickness and was lying sick at one of our hotels. Mr. Peire requests me very particularly to look for his son and to have him properly attended, &c.

I have called at our principal hôtels & bourding houses, without finding him, and I begin to suspect that the rumor that reached his father is incorrect and the young man may still be in Princeton, in good health and attending to his studies.

It is with the view to ascertain this fact that I, now, take the liberty to write to you. Be so good, my dear sir, to inform me whether young Alfred Peire is in Princeton; or, should he have left your institution, you may probably know from some of his school mates what has become of him, or where I could find him in this city. A prompt answer from you, will be gratefully received, as it will permit me to do something for him, if needd, and to relieve his family from their great anxiety. In the meantime, you will oblige me to let me know something about his conduct & progress (confidentially) that I may answer this question addressed to me by his father.

Excuse, my dear sir, the trouble I give you & believe me very respectfully

Your Servt. & friend

E. Durand

Phila. April 7th 1847.

Turn

Is the last n°. of the 2d Vol. of the N. A. Flora in progress?
I sent you about 3 years ago a parcel of my plants from
the Lobeliaceæ down, I believe, to the Scrophulariaceæ — If you
have done with ~~it~~ them, I should be glad to have it them returned
with tables, as it they forms a considerable gap in my volumes
and I fear lest the worms destroy them

Professor J. Torrey

Princeton College

Princeton N. J.

Prof. John Torrey, N. Y.

My Dear Sir,

About three years ago, I sent you a parcel of specimens from my herbarium, consisting of the natural families Lobeliaceæ, Campanulaceæ, Ericeæ, &c, for your inspection, preparatory to the publication of these families in your North American Flora.

I feel a little uneasy about them for fear of mischief being done by worms, and I should be very desirous to fill up the vacancy left in my herbarium by the absence of these plants. You will very much oblige me by returning them to me, if they are no longer wanted, that I may fill up their vacant place and add to them the other new species which I have procured since.

I am very respectfully your humble Servant

E. Durand

When shall we see the continuation of your Flora?

Philadelphia Jan. 24th 1848.

TORREY CORRESPONDENCE
COLUMBIA UNIVERSITY

Prof. John Torrey, Princeton, N. J.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

My Dear Sir,

I have received your valuable present and my volume of Specimens. If I have tired you, repeatedly, with my requests to return the latter, It was merely on account of the vacancy left in my herbarium by the absence of this volume.

As to your present of rare specimens, I cannot express how satisfied I feel at being able to add to my collection so many new and rare things, and, especially, plants from Col. Fremont's expedi-tions of which I had not yet a single specimen. From this source, I, originally, expected much, through my friend and brother in law, Prof. Ducatel of Baltimore, to whom col. F., his intimate friend, had made strong promises; But the collections having been directed to the Smithsonian Institute, I was fully disappointed.

I have not had the pleasure to see Dr. Short, during his stay in Philadelphia. I heard of it too late and when I called to see him, he was gone. I am not personally acquainted with him, but my great veneration for this zealous botanist would have been my excuse for thus intruding myself upon him. If you come to Philadelphia to meet him, I rely upon you, my dear sir, for procuring me the honor of his acquaintance:

not contented with the present of rare plants you have just sent to me, You promise me a share in Dr Parry's Californian plants which you are daily expecting! You have really, my dear Sir, gentle ways of Peace offering which far surpass any thing by which I could express my gratitude. Do not offer a new olive branch to one who has never ceased to cultivate in his bosom that Symbol of good feelings and has never harboured any other sentiments towards you but those of respectful friendship; of admiration for your high character and for your successful perseverance in the pursuit of Sciences. If, perchance, you were ever in want of any duplicate of rare plants I might possess, draw on me at sight. – I will be happy to oblige you in this and any other Respect.

Very cordially your respectful Servt

E. Durand

Phil. July 24th 1850.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Ans'd by Dr Woodhouse

Prof. John Torrey, M.D. New-York.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Dear Sir,

Please to let me know by Dr Woodhouse something about this very strange plant of the Aracea family, which Dr W. brought from N. Mexico.

At first sight, from the appendages ~~inclosing~~ placed at the base of the spadix and looking like ligulate corolla of corymbiferous flowers, I mistook it for a Lepachys or a Dracopis; But I soon perceived my mistake by closer inspection.

I have perused the characters of all the Spadiceae of Endlicher, without finding any genus to agree with it — The only one having some kind of affinity with it is the genus Spathiphyllum which belongs to the tribe Orontiaceae. The small rounded and clasping leaf, placed a few inches below the spadix, seems to me, originally, to have been the part of a spathe, surrounding at once the embryo spadix and the 2 or 3 petiolate leaves that arise from its center.

The bad condition of my eyes and the impossibility of using strong magnifying glasses have prevented me to distinguish

any regular flower in the spadix. I see nothing but a confused and compact mass of 2-celled anthers, pistils, ovaries, avorted or unguiculate petals; but no floral envelope; nor anything regular that I can take for a separate flower. You, who are a Magister Sciencice and can use the microscope, be good enough as to give me some information on that plant.

The whole plant is strongly aromatic and, by soaking the inclosed spadix in boiling water, I have obtained an orange colored infusion, possessing an acrid & aromatic taste, not unsimilar to that of Canella alba. I have no doubt that this plant may have some medicinal properties, perhaps similar to those of the symplocarpus root, which it would be good to investigate — also a colouring principle very much like that of the sanguinaria. If Mr. Wright has occasion to obtain some roots, I would like to have them tested and investigated chemically.

Very respectfully your humble servant

E. Durand

Phil. Dec. 7th 1852

Philadelphia Sept. 11th 1854

CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY.

Prof. John Torrey, N. Y.

Dear Sir,

I received, this morning, your note with the specimen of what You justly, I think, consider as belonging to the genus Crossosoma of Nuttall. If it is a Crossosoma, certainly it is not the Californica, as you will perceive by the small parcel inclosed. I would have prefered to send you my entire spec. which had two flowers only with many top leaves, (You know that N.'s specimens were always exiguissima) but I could not do it in a letter without much risk, and I hope this will be sufficient for your purpose. Your specimen belongs evidently to a more delicate shrub: The leaves are much smaller, different in form and the flowers are on very small peduncles, with long and narrow petals, &c.

I had the presumption to accept from Dr. Heerman the very difficult task, for me, to determine about one hundred plants which he had collected in an engineering expedition in California. I trusted, it is true, in yours and Dr. Gray's assistance. I did not expect so much hard labor, nor to prove myself so incompetent. Happyly I found some help in young Dr. Hilgard, a nephew of Engelmann and a very clever young man. Our investigation is finished as far as Solanaceae which we will take up tomorrow [Kunth's Enum.] morning; but farther than Decandole's 13th volume, we have no materials to study. You would, of course, oblige us very much by sending us the names of the five samples of Eriogonum which you had from Dr. Gray. if any new, please to describe them, they will be published at once under your name. [illegible] (hadi?) No. 1 and 2 are probably too imperfect; No. 3 is not described in Hooker nor Nuttall Pl. Gambel. No. 4 seems to me a form of E. Simpsonii in a less advanced stage

[illegible]

[illegible]

[[illegible] angustissimum]

of inflorescence. As to no. 5, I have compared it with a bad specimen of Nuttall's E. rosmarinifolium to which it is nearly related and I suspect it might be the fasciculatum, which he mentions in his description of Rosmarinifolium, without saying where, nor by whom it was described. Try also to give me the names of the two Obione. Is not the find silvered and oval leaves O. Barclayana? By the by, I found your fine obione tentiformis among Nuttall's plants under the name of Atriplex something - Ovalifolia, I think.

Ci-joint, you will find a small sample of Horsackia, which Dr. Gray says is your unpublished orbicularis. We ~~have published it~~ have named it so, with the reserve new species, if not orb. Dr. Gr. though it might be the Dipanolobus micrantha of Nutt. I have compared it, at the request of Dr. Gray, with a plant labelled by Nuttall Dup. parviflora, which I am sure is his micrantha and answers perfectly the description given in Torr. & Gr. N. Am. flora. The latter is a very small plant, with very minute leaves and trailing on the ground like the small Euphorbiae. Here is our MS. description, see if it is right and corresponds with yours:

Suffruticose, pretty regularly branching, softly pubescent throughout. Leaflets 3.5 rhombic ovate, mucronulate, mostly alternate. Stipules minute, rhombic, tomentose. Almost every axil bearing a stipitate umbel shorter than the leaf, 3-8 flowered with an oval bract in it. flowers small, yellow with purplish-brown tips. Teeth of the calix subulate, rather villous. Legumen pubescent, 1-2 seeded, pendulous, incurved with a subulately uncinate & somewhat refracted rostrum.

I shall be very happy, my dear Sir, to see you at my house and have you to dine with me and to show you what I have in my herbarium - it will be for me an occasion to correct many

erou.

Believe me very sincerely your respectfull servant and friend

E. Durand

I shall not be able to put my letter in the Post office this evening, having forgotten your adress.

[redacted]

I thank you for your specimen.

Prof. John Torrey

96 St. Mark's Place

New-York.

TORREY BOTANICAL CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Prof. John Torrey, N. Y.

My dear Sir,

I sent you a few days ago the first attempt to botanical description of Dr. Hilgard and myself, imperfect as it is.

We were so much hurried, on one side by Dr. Heermann who was on the eve of starting for another exploration and, on the other by the publishing Committee of the Academy, who had the present number of their journal under press, that we had no time to revise our work conjointly and had not even finished our microscopical enquiries. We will, I hope, do better next time.

Herein you will find a specimen of what you supposed to be your Eriogonum Sempronii (E. angulosum, Benth.) Dr. Hilgard has examined it with a good microscope and is inclined to think that it differs from yours in having no stipules. This is what he writes to me in this regard:

"At the basal tuft of leaves and at the solitary leaves still lower, I find not a trace of either stipules or bracts. At one of the tufts an appearance of a bract is produced by a part of the base of a withered leaf being severed by the increase of the stalk and thus placed sidewise by a continuous break in the first bark owing to the increase of time beneath. Above the whorl, as probably in the inflorescence of all Eriogona, the bracts commence in whorls of three present at each node infallibly whatever be the number of leaves. In the (original) E. Lonicerosum the bracts appear leaf like and in the plant we have called angulosum there are, generally, two leaves alternating to three bracts (in our roseum one leaf & three bracts, except at the trifurcation-whorl where there are 3 leaves alternating with 3 bracts)

The bracts being amplexicaule together and brittle with long reflexed tips whose various fragments are stuck about in the wool, the buses frequently split in several places by the increase of the tissue underneath, so as easily to simulate stipules in some places. In the specimens of our plant there is not a trace observable of anything like insertion or lamina of a stipule besides the three bracts at each node."

Be so good, my dear sir, as to compare it again with your Sempronii and see whether ~~our~~ the following diagnosis of ours is right.

"Very tomentose. Leaves above the buseal whorl by twos and always accompanied by three clasping and reflexed, but very brittle and sometimes shattered bracts that are present at each node. Pedicels smooth, setiform, unilateral. Involucre turbinate. Paleolae obovate spathulate, very wooly, verdant or brownish at their exserted tips. Flowers small, numerous, whitish or slightly flesh colored."

The fallets you will find, if you take the trouble to read our essay, please to point them out to us that we may correct them in our general report. I have now under examination a set of about 150 california plants among which I have 2 small specimens of the Pickeringia, unfortunately without fruit. 2 caulescent violets which I think new, one with an abundance of yellow flowers and leaves in the form of a hand (not the ordinary palmate form) it might be called manulia, small hand. The other has a round dissected leaf like the delphinifolia of Nutt. Several Horseckia among which, hitherto what I consider as the grandiflora of which I send you a sample as I find it somewhat different from a specimen I have received from you in pl. Fremont — Very remarkable by the round leaf accompanying almost every umbel. I send you a fragment of a sericocarpus which I do not see described. I have but one specimen. It is near the tortifolius but a much stouter plant. 4 or 5 eriogona all different from what I see in the Herb. of Acad. of Sc. and in mine counting

Lupini 5 or 6 and about twenty monocotyledonous flowers, Brodiea, Calochortus, Tritelia &c. Averatrum ~~of the southern~~ which I believe different from the viride, I send you a fragment of it and can procure you a large specimen if you want it. &c. &c. (Leaves exactly the same as, V. viride; flowers different.

Believe me, my dear sir, your most respectful servant and friend

E. Durand

Phil. Dec. 15th 1854.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

PHILADELPHIA
DEC 16
PAID

Prof. J. Torrey

U.S. Assay office

New-York.

Phil. Febr. 16th 1855

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. J. Torrey, New York.

My Dear Sir,

I rejoice greatly at the reception of your favor of 13th instant. I know the multiplicity of your occupations and how little time you have to spare with idlers like me; so, you have no apology to make for delay in answering my letters. I regret that you have passed through Phil. the same day that Dr Gray was with us, without knowing any thing of it; We would have been happy to have you both at once at our little reunion of Botanists. I thank you for your observations on the small specimens I sent you by Dr Gray and for the description of the two Violets. You will oblige me much by making me the description of the new Carex gathered by Dr Bigelow, which you can terminate with the flowers of the poor specimens Dr Gray found in my collection and which he says he has sent you.

I have good specimens of Veratrum Viride and I find the petals very much unlike mine — Viride has narrow long petals, mine are round obovate, if I remember well.

Brodeia № 1 seems to me the grandiflora of Bot. Reg.; but it is certainly different from № 2 which has much larger flowers. This has an obconical tube of the perianth;

the other has an inflated tube at the base.

I have two fritillariae; ~~solitary specimens~~, which I should like you to see - one (I have 2 sp. of it) has 2-4 small flowers in a spike, shortly petioled, apparently not maculate, with semi-amplexicaule and lanceolate leaves, alternate or in whorls of three. The other has 3.4 (2 spec.) large flowers, the size at least of the Meleagris and spotted like the flowers of the latter, in a foliate spike and oblong petioles, the flowers drooping; leaves alternate, distant. — The plant, as I have it, the large 15 or 18 inches high; the other much shorter. They do not answer the descriptions of Pursh's fritillariae. ‡.

The present collection was made by a gentleman (‡. Henry Pratten of New-Harmony) who was not a botanist and the specimens are generally very imperfect. The small spike of flowers you speak of is one of the worse - ~~There were two parts of one~~ Specimens both without leaves. ~~& even stipules~~ Scapes - I know nothing of its habits. I send you ~~what~~ the unique specimen I have, to be returned, as it is now the only specimen left, and it belongs to the Academy. In perusing the Bot. Reg. I found the figure of a plant named Ara-Grenga by Lindley, I believe vol. XX, which looks very much like it, except that the spike was rather conical, but the same rotate flowers, same size, &c. I thought it had great affinity with it. Look again, I pray you, at Erigonum no 2 which you call nudum; it ~~is~~ seems different from other specimens of the nudum which I have in my herbarium it seems to have a double set of bracts below the head of

I have again compared the 2 species and come to the conclusion that they might be the same plant in a different stage of floration - The leaves are exactly the same, except that the large has no verticils of 3 as the other. in both the flowers are drooping but corollae and petals different as I have mentioned.

flowers and the involucrum has a large vertical spot, which I do not find so well marked in my other specimens – perhaps they are more advanced in inflorescence!

I would be very happy to see you in Philadelphia; for many years I have seen you but a few minutes and would not have even recognized you, if your name had not been mentioned. As I have perhaps more Nuttall's plants in my herbarium than are in that of the Academy and this being now confided to me, We will have much to do together. So, to avoid the trouble of long walks, &c. come at once to my house; I have a room for you and I will try to make you perfectly comfortable. Unfortunately, I have no lady to do you the honors of my house, I am now a poor widower with my only son, but We shall do our best to make you comfortable.

The Sericocarpus is new, unless Mr Beantham has had the good fortune to see it before me, I call it californicus I have also a Silene with orange flowers, small plant but large flowers with 2 lobed petals and 2 lateral small teeth – Leaves sessile ovate-lanceolate. 3-var. of Zauschneria of which probably a new species, with long spike foliate or bracteate, bright large scarlet flowers, calix & corolla, leaves those of young Oenothera biennis. I have a new Oenothera with deeply obcordate or bilobed petals. Your Saxifraga peltata the description

HERBARIUM
CORRESPONDENCE

I have from two sources

of which I should be much obliged to you. I have several umbelli-
ferae, among which a Devreya and, I believe a new Ormorhi-
za which I will send you, if your visit to Philadelphia
is ~~not~~ too remote. I have also a new Monolopia, which
Dr. Gray considers as a variety of Bentham's halenifolia;
but I cannot agree with him — there is nothing of hale-
nifolia in it, the leaves are all 5-7 parted, with linear
divisions. It corresponds better with the species M. minor;
but I think it new. Pleas to send me a leaf of Arbutus
for comparison. I forgot to ask Dr. Gray for his description
of his Azalea Californica, I have it. A small dodecatheon
with ovate leaves, 4 or 5 inch. high, puzzels me, You
have the same, Dr. Gray tells me. I regret much that
Acerates cordifolia be the same as my new asclepiadea,
which I have not studied as yet. I have also a Frasera
which is not quite albicaulis, but very near. &c. &c.
Oh! I want very much to see you, I would give any
thing to have Plantae Hartwegianae for a day or two —
Dr. Gray has written for one copy for me. How
desirable a complete U. S. flora is now! When shall
we have it?

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

I stop here, my dear sir, with the assurance
of my regard and thanks for the attention you are
good enough to show me.

Very respectfully Your humble Serv't E. Durand

Phil. Febr. 22d 1855.

– Prof. John Torrey, N. Y.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My dear Sir,

I feel much indebted to you for your kind informations, especially ~~like~~ those about the doubted endogen, Schaenolerion, of which genus you give me a full description. As you have in your hand the unique specimen of the collection, please to describe it at once and be its god-father, with your remarks on the two species. It would enhance the value of my paper which, I think, will be published long before Whipple's report.

Is not the Phalangium aureum of Mich. the same plant that I have seen represented in Bot. Reg. Vol. XXV under the name of Asagraya officinalis, Lindl.? The many flowered pyramidal spike mentioned by Elliott, (I have not Michaux) seems to indicate it. I did not read the text at the time, as I was only perusing the plates and it was from recollection that I marked my plant Asa Graya, as probably one of its congeners. The shape of the corolla and ovary seemed very much alike; the difference I remarked was that one had a pyramidal spike and the other a tubular.

I thank you for your acceptance of a pied-à-terre at my house. I will try to make you as much at home as possible. Let me know, beforehand, when you come that I may go to the boat for you and save you the trouble of inquiring for your quarters. I would be much obliged to you indeed, if you could lend me for a few days your N. Hartw.

You might forward it to me by Mr. Dunning of the Assay office, who comes occasionnally to Philadelphia and I would return it by him, should he stay only two days. I am, however, so anxious to have it that I would prefer viâ mail or Adams' express.

I shall not begin publishing before I have shown you my endogens and submitted ~~some~~ other of my plants to your examination, my Tauschneria, Sericocarpus, Monolopia, 5 or 6 lupini, &c. This collection was made in the Sierra Nevada last spring, or the spring before by a Mr. Henry Pratten of New-Harmony.

I should be happy to have your description of a new cornus in flower, which our friend Dr. Gray is to send you. He says you had the same from other source, but more advanced in inflorescence and this will complete the ~~collection~~ description. I do not know whether I have another specimen now in that collection. Also that of your pycnanthemum sessilifolium, ~~and~~ Monardella Sheltonii. As most all the Pycnanthemahave sessile leaves, I suggested to Dr. Gray another specific name more appropriate, californicum for instance, being the only pycnanthemum of that region, as far as I know.

I have already described all the plants of Bentham, which I wished to make known to our american botanists, Bentham's book being so scarce. But if I have Plantae Hartwegianae, of course I will give his own description and will reserve mine for notes. In a set of plants collected in a different locality there are frequently slight differences which it is important to notice, or characters

that have escaped the attention of a predecessor, or even a more experienced observer. Thus I find to be the case with my ~~two~~ violets which are undoubtedly the same as yours and Bentham's. In the leaves are pentagonal-reniform;
my Beckwithii, the stipules are margined, the stipules fimbriated and the sepals lanceolate. In lobata, the young specimens are glabrous and the more advanced are scabrous-pubescent; some of the upper leaves are rhomboid; the middle stipules are very large, the superior very small; the petals are bearded at the claw and I would not avouch that the flowers were not yellow, they seem so to me. It is good sometimes to notice these anomalies, which are owing to peculiar circumstances and may mislead others.

I shall not fail to return your Bentham in at most four days if you favor me with the loan of it. Believe me respectfully, my dear sir, your obliged friend and servant

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Monday

Dear sir, I was going to seal my letter when I received your dated 20th by which you informed me that you were good enough as to send me your Bentham, N. Hartw. I wish to be able to announce you that it had been received, before I dispatched you this, and it is only Saturday evening that I received it. I have worked to hard with it Saturday night and yesterday that my eyes are almost useless to me this day. I will, however, request

my son to copy some descriptions, many more undoubtedly than wanted, had I been able to read and compare with my plants - I will certainly return it to you Wednesday morn. with the unknown umbelliferæ and the californian Eudoxia which I have in my collection.

I am almost blind, so farewell and respectfully yours C. D.

Phil. March 31st 1855.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Prof. John Torrey, N.Y.

My Dear Sir,

I have just finished my manuscript of Plantæ Rattenianæ. It consists of 11 new species of Torr. & Gray, 14 of Bentham, 12 of my own, besides a new Dryopteris? which I have requested Mr. T.P. James to describe for me and several new varieties. I have, unfortunately, been deprived of the assistance of my young friend Dr. Hilgard, who is now confined to the insane hospital, with his brain upset by spiritual ideas. It is really a great pity, as he is a most excellent young man of great talents and promise.

So far, my dear sir, as I have received your obliging communications, I have, in my paper, given your own descriptions, otherwise, I have supplied their want by giving my own diagnosis of the plant I had under my eyes. In order to complete my paper, which I intend presenting, next week, to the Academy, I would be very thankful to you to give me, if possible, your own descriptions of the new Comus and Chlorogalum pomeridianum, and also to inform me where were published the following plants: Chenactis heterocarpha, Torr. Calycadenia Fremontii, Torr. Dichelostemma congesta, Kunth (Brodiæa congesta, ?) Seubertia laxa, Kunth. Echeandia tenuifolia, ortey. and Linanthus Nuttallii.

The time fixed by you, some weeks since, for visiting Phila has arrived: When shall I have the pleasure to see you? I am very

ansions to have your instructions about the botanical works which I ought to have and are not to be found in our libraries. The Academy of Sciences is not deficient in the best works on ornithology, Entomology, mineralogy, &c. but it is poor in botanical works and I want it to be provided with the same advantages for botanical pursuits.

Deprived of a good sight and unable to use strong glasses without suffering much, still I feel an irresistible love for our Science and long for the opportunity of making myself useful, if I can do so. Tell me frankly, my dear Sir, when you have seen my next paper, whether I have the ability to satisfy experienced botanists; if my descriptions are secundum Scienciam, if my scribbling is good enough, &c. or if it is better for me to stop here? Thirty nine years ago, when I arrived in this country, I had more theory in the Science than I have at present; I was fresh from the benches and not rusty with Latin and greek as I feel, naturally, after a life of commercial activity devoted to a primary object... not of Wealth, I scorn it, but of comfort to my family and to myself in my old age.

Now that I have attained that object, I feel my physical and mental means much impaired. If you think, however, that I am still fit for any useful labor, such as a monograph of some family, I will undertake it (as I have leasure hours) subject to your revision and with your assistance and that of our friend Prof. A. Gray. Otherwise, I will confine my attention to the formation of the North Amer. herbarium which I am now arranging for the Academy of Natural Sciences, and devote my leasure times at home to other studies. We shall speak

of these things, when you are in Philadelphia and I expect from you, my dear sir, a franc and sincere advice.

With great respect and friendship your humble servant

E. Durand

TORREY COLLEGE LIBRARY
COLUMBIA UNIVERSITY

Phil. Saturday 7th Apr. 55

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA COLLEGE

Prof. John Torrey

My dear sir,

I have received this morning your favor dated march 20th - anticipated by yours of Apr. 3d - in both of which you give me the description of Cornus Sericea.

I had only two small specimens, 2-3 inches long, which I mistook, at first sight, for a Dirca palustris. consequently the flowers are yellow and mixed up with young leaves - flowers minimum foliis nascentibus. I believe I gave them to Dr Gray who wished to compare them with your specimens. He had no doubt they belong to the same shrub - As I have them no longer, please to inquire from him if he has them not.

If I recollect well the division of the petals were linear and pretty long. I paid no particular attention to it, I had only, at the time, arranged the collection in families and I had placed it as a Dirca, to which it resembles very much by the color of flowers and by the leaves growing together. I would have soon perceived my mistake if I had looked at it critically.

The small plant I had sent you was a Shoenolirion. Not having your description as I had begged you, I gave it myself as well as I could I call it albens, which

it deserves well in contradistinction with your aureum I am glad to see all the botanical reports published together it will be more convenient to our researches.

I have seen, this morning, my young friend Hilgard – He is doing very well, except that he is extremely weak. He was quite in his senses, determined to do away with his spiritual fooleries and to occupy his mind in a more quiet manner. I sent him his pencils and colors to continue the designs of our new species and also his herbarium and books. Dr Kirkbride has every hope that he will recover.

I have finished the polygaleæ in my undertaking for the North American herbarium of the Academy of Sciences. With the exception of a few arctic species, so far, I have filled up all the names of your flora, with addition of nearly all that has been published since. It is a long work; but it will remain a monument of my patience and industry – I hope I will be able to complete it before I go off from this World. It is in doing this work that I can really appreciate the value of my herbarium; As far as I have gone, I have given away more than a hundred species, wanting in that great collection gathered by such men as Nuttall, Leconte, Leavenworth, Pickering, &c. &c.

The fifteen drawings of Hilgard are to illustrate

The plants of our Pl. Heermanniana. Dr. H. & Lieut. Williamson desired to have 20. Of course they are not all new species; but none, I believe, have been figured before. Our Oenothera, var. Lindleyi, proves to be an undescribed new species but not Lindleyi. It is the handsomest Oe. I have seen.

Very respectfully yours

E. Durand

TORREY CORRESPONDENCE
AT HERBARIUM

Com. Perry
38, 32nd St.
West.
[illegible]

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. John Torrey, New York.

My dear Sir,

I am very glad to see, at last, the Pacific R. Road reports published. I hope that, through your Kindness, I shall be favored with copies of them.

I regret exceedingly that the drawings of Dr. Hilgard prove so deficient. The ten first ones, he finished here, before his starting for the West, and although poorly done, they seemed to me botanically accurate. The others were done at St. Louis, Cincinnati from very poor specimens, the best having been sent to Washington, or deposited in the Academy's herbarium.

If my assent be necessary to have them altered and improved, you have it, my dear Sir, and I shall be exceedingly thankful to you. I wish this, my first botanical attempt, be as little discreditable as possible! The plants had been presented by Dr. Heermann to the Academy of Natural Sciences and were refered to me for examination. I associated Dr. Hilgard to my undertaking, for his assistance in microscopic investigations, which my bad eyes and want of experience rendered me inefficient.

I would like to see those drawings, and you would oblige me to point out, on a loose piece of paper appended to each of them, the inaccuracies and superfluities. I would like also to have a copy of the print, because I do not know what changes in the text Dr. Hilgard may have made since. En attendant, I send you fragments of our three erigona that you may at once ascertain the number of stamina and their real insertions. I believe them all new species, as among the 60 odd species contained in Acad. Herbarium, none have any kind of affinity with them, and I have seen no descrip-

tion that could be applicable to them. The specimens of E. roseum are complete and I think I could send you one, if you wish. Those of plumatella were in small fragments; but we were able to reconstitute a stem, 8 or 10 inches long. Their (plumate) inflorescence is very peculiar. Our E. geniculatum we had to change into E. Beermanni, that name having been given by Nuttall to a very different species. This also was all broken up, and the flowers detached from the stem. Our Euphorbia ocellata was acknowledged a good species by Dr. Engelman. Dr. Hilgard has made a new species of What we had called Oenothera Lindleyi, var. He found it, by the capsules, to belong to a different section. In the beauty of its color, it surpasses the Oe. Lindleyi and will constitute the most ornamental Oenothera known. Our Mimulus exilis, I have since ascertained that it was the Mimuloides hispida of Nuttall, of which there is a specimen in the Acad. herbarium — It is the herpestis pilosa of Bentham, (sect. Mimuloides) in D. C. I do not know whether he was aware of this and I regret the printing has been done without my knowledge. The thing had been delayed so much that I thought it had been laid aside. Our obione bracteosa, is also, I think, a good species — I send you the only specimen I have in my herbarium.

Now, my dear sir, I repeat it, you have my sanction and particular request (and I answer for the same from Dr. Hilgard) to alter, improve and expunge, according to your own views. I have a perfect confidence in your superior knowledge and experience. All you will do will be well done for our advantage and that of the botanist.

Do not forget, I beseech you, to obtain for me copies of those

different publications made by the government. Those works are of greater service in the hands of Students than in those of Members of Congress, and I do not Know to whom to address myself for obtaining them. Please, as I have said above, to write your remarks for each of the plates, which I expect by express.

I am very respectfully yours

E. Durand

116 South Ninth St.

Have you received my biographical notice of Michaux, which I sent you about one month ago?

AUDUBON CORRESPONDENCE
MUSEUM
COLUMBIA UNIVERSITY

Philad. April 10th 1857.

Rec'd Apr 16 '87

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. John Torrey, New York.

My dear Sir,

I have examined the drawings you have been good enough as to transmit to me by express and which I return to you with my thanks.

In those of Dr. Hilgard, there may be superflaities; but with one exception, that of Mimulus, I do not think there are any inaccuracies. As you have more experience than ourselves, and know better what is proper in those things, I repeat: Do for the best, I answer for Dr. Hilgard and myself. I have appended to your own notes my ascent, or remarks.

As to the six pencil drawings, I know nothing about them, nor by whom they are made. From the numerous stamens of eriogonum roseum and other imperfections, it is evident that they were not made by a botanist. Having my share of responsibility in the matter, I would not have them, unless they are carefully corrected or re-drawn.

The cuscuta ought to have a cylindrical corolla as well as a lageniform one, to represent the two stages of florescence and the elongated anthers ought not to be represented cordiform.

The three Eriogona are all more or less inaccurate

E. plumatella has not the characteristic pinnate spikelets which its specific name indicates and the stems and branches are not so much zigzag shaped as they are represented in the drawing. I have no recollection, in E. Hermanni, of those spiny tips of branches and branchlets. I send you my own fine specimen of E. roseum that you may examine it carefully. You have written at the bottom of the figure of this plant ~~E~~ Var. of E. gracile? I have seen no where the description of this species. I would like to retain E. roseum & E. plumatella, if they could be properly corrected.

I would be glad also to have the Euphorbia and Oxalis if any thing can be done from the specimens. The spec. of Euphorbia ocellata, which I send you herewith, is very different from that represented in the drawing. If the latter is accurate, it must belong to a younger plant not yet developed as the internodes of mine are considerably longer and corresponding better with the description we have given.

I do not know, my dear sir, if this expression of my wishes is sufficient to counteract the instructions of Lt Ives. I am certain Dr Hilgard will agree

with me; but he is now in the far West and it would take sometimes before I have his answer. I desire that all those he made himself should be printed, with the correction in *Mimulus*, and the omissions of what you consider as superfluities; but as to the six others, I protest against their admission unless properly corrected, and I would be very thankful to you if you would undertake to do it with obione, Euphorbia and at least the Eriogonum roseum. if not all.

I am going to write to Mr. Wendell for a few copies of our report if he can procure them to me.* I would wish also about ten sets of plates for Hilgard & myself if you are good enough as to engage them from the lithographer.

I do not know whether the figure of *Solanum californicum* ought to be published. I see that we have forgotten to mention it in our first report. The specimen represented was the only one in the collection, and I thought it came near enough to the description of that species, of which I had no specimen to compare with, to give it as such, but I had no idea that Hilgard would figure it.

*I want them principally to ascertain the changes that Hilgard may have introduced and to ascertain if the description of the plates is given.

TORREY CORRESPONDENCE
THE HERBARIUM
COLUMBIA UNIVERSITY.

As you have, most probably, good specimens of that Solanum Calif. please compare them with the figure of Hilgard, which is very good, and if our plant is not the same, omit the plate. I cannot say whether a description of the plate has been given by Hilgard for our new report. He fell sick at the time from hallucinations induced by spiritualism and left shortly after for the West, carrying with him his unfinished figures of the Pl. Fremontiana. Hilgard is a young German of extraordinary acquirements, too many for his weak frame!

I have exchanged some letters with Dr Francis on Michaux's account and have furnished him with a copy of my memoir. This memoir I have translated into French with addition of new facts received from Mr Vilmorin and Ms family which arrived too late — and I have sent it to Paris to be presented either to the Society of Agriculture of to the Institute. I see by Mr Vilmorin's notes that they know very little about Michaux prior to 1820.

With great respect, My dear Sir Your obt servant E. Durand

Phila. April 13th 1857.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

Rec'd & Ans. April 22, 7

Prof. John Torrey, N. Y.

TORREY CORRESPONDENCE
HERBARIUM
UNIVERSITY

My dear Sir,

Since I had the pleasure to write to you last, I have received the first & second proofs of Durand & Hilgard's Botanical Report, which has given me considerable trouble, Dr H. having introduced alterations in the latin text, some of which I could not well understand and were somewhat different from the english Phraseology. It is with some difficulty that I obtained from the printer the favor of a second revisal, and a third is out of question.

This my first attempt at botanical authorship, with an associate as unexpert as myself, is very bad indeed and, merely from neglect in following a good pattern such as we could find in yours or Dr Gray's descriptions. But it is done, and prolix and intricate as our language is, I hope it will be understood and received with indulgence.

I had informed Lt J. C. Ives, the officer who seems to have the superintendence of these publications, that the six drawings, not made by Dr Hilgard, were so inaccurate that I desired them to be omitted, unless you consented to improve and correct them. To this Lt Ives replies (that the plates for figures rather) had been turned over by the Pac. R. R. Survey office to the superintendent of public printing, exactly as they were received; and that they are now beyond the control of his office. He add what you have said in your letter: Any arrangements concerning them must now be made with Mr Seaman. I had requested also Lt Ives to send me a double set of the second proofs, that I might be able to send you one for the explanations of the plates. He says you will be furnished with a copy of the report, after it is printed, and a paper explanatory of the plates might then be made, which he presumes Mr Seaman will not refuse to print.

Now, My dear Sir, What shall be done with these six defective figures? I never intended the Eriogonum plumatella, the E. Heermanni and the Cuscuta subinclusa to be figured, our specimens were too bad, but the E. roseum, the obicum and Euphorbia — our specimens were good enough, I may say were complete, and I wished them to be figured, as I firmly considered them as new and undescribed species. If these three could be retouched by you, I would like to see them printed. Have never seen any description of Eriogonum gracile? of which you have made our roseum a variety. The figure by Hilgard of Solanum californicum is excellent; but I was not satisfied that our specimen belonged to that species, of which I had no specimen nor figure to compare it with. If Dr Hilgard had consulted me about it, we would have omitted it.

If you doubt whether our plant be S. californicum, omit it, I pray you. I do not think Mr Seaman will object to these changes. Every thing in such matters ought to be done for the best.

I send you in the next page a list of the plants figured, in the order of the report. I forgot to correct one of the figures the name of Heermann which is spelt Hermann I have put Heermannii, correct to Harmanni if you please.

Very respectfully, My dear Sir, Your humble servant and my thanks for your good offices

E. Durand

Phil. April 21st 1857.

HERBARIUM
UNIVERSITY

No. 1 Argemone munita.
2 Malvastrum Marrubioides.
3 Hosackia lathyroides.
4 H. Heermanni.
5 Oenothera (Godetia) Williamsoni.
6 Sambucus Velutina.
7 Linosyris ceruminosa.
8 L. teretifolia.
9 Asclepias macrophylla, var. comosa.
10 Erythraea tricantha.
11 Cuscuta Subinclusa ✻
12 Antirrhinum Cornutum
13 A. Coulterianum, var. appendiculatum
14 Mimulus exilis,
15 Castilleja caudens
16 Solanum Californicum
17 Obione bracteosa. ✻
18 Eriogonum roseum ✻
19 E. plumatella ✻ (this appears to be very distinct.
20 E. Heermanni ✻
21 Euphorbia ocellata. ✻

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

Those marked ✻ are not figured by Dr. Hilgard

Prof. John Torrey, N. Y.

Dear Sir,

I thank you very much for the corrections and improvements made by you so obligingly to Eriogonum, Euphorbia and Obione. I have ordered in Washington ten extra copies of Plantae Fremontianae; will you be so good as to retain for me ten extra sets of plates. My copy of Decandole's last Volume has not come to hand as yet; I expect it very anxiously to make out the sixty odd species (of Eriogonum) now in the Academy herbarium.

I have been out of occupation for the whole winter at the Academy of Natural Sciences. My room has no fire and I cannot work in it. My task with herbarium boreali-americanum is completed. I stop at Cyperaceae. A young gentleman of this city, who has studied three years in Germany and devoted his attention to Cyperaceae and Gramineae, will take up these two families and Mr Sartwell the cryptogamus.

This herbarium, when completed, will be, after yours & Dr Gray's, the largest collection of North American plants. I have poured out in it from my own herb. more than 1500 of my rarest specimens; but I must say that here is all my pride: to enrich this public herbarium, even at the expense of my own. I have every hope to add considerably more to it. Dr Heermann has been settled in Texas, these 3 years,

above San Antonio, and promises a large harvest. I have a young lady friend collecting for me at Nevada, California, and several of our young academicians, attached as surgeons & botanists to several explorations, will bring their little tribute. Dr Woodhouse told me also that he soon expected the parcels of plants destined for the Academy, and placed in your hands. How much I should like to be able to add some of your new species of Emory, Sitgreaves, Whipple &c. if you had duplicates to spare.

With great respect your most obedient friend

E. Durand

Phila. April 25th 1857.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Please remember me to Mr Thurber.

Phil. Sept. 14th 1857.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Prof. John Torrey, N.Y.

My dear Sir,

In answer to your favor of the 10th instant, which I have just received, I will say: That the 150 copies of D. & P.'s report, which have been sent to you, have not been ordered by me. Through Capt. Hilgard of Washington I have obtained 12 copies which I had requested him to procure for me from the printer. Being dissatisfied with the work and with the manner in which it had been published, I did not feel anxious to present it to my friends. These twelve copies were accompanied with a bill of $ 2.50, but they have a little page! I am very desirous now to obtain through you, my dear Sir, 12 sets of proof impressions to add to the printed reports already received.

There 150 copies may have been sent to you by mistake, instead of being directed to Dr. Hilgard who, generally, has many extra copies of his memoirs printed, to send to his numerous friends in Germany.

As the Original drawings of Dr. Hilgard have been somewhat altered, it would be necessary to have to have copies of the present plates to establish descriptions of them. Should it be asking too much at your hands, my dear Sir, to do this little work for us? It seems to me that it will not require 15 minutes.

I do not Wonder at the great vexation felt by you in the hasty and heedless publication of your reports by the Government's printer. These things are shamefully done, indeed, in this best of Republics; and shameful also is the manner in which the copies of these highly interesting works are distributed among Members of Congress and petty politicians, whilst institutions, libraries and men more particularly interested are neglected.

The reports of Capt. Beckwith & Pope's Surveys were, last week, received at the Academy of Nat. Sciences, through the Smithsonian institute. With the exception of the botanical plates, it is miserably got up — bad paper, wretched landscapes and probably very inaccurate for want of proper corrections & revision. I wrote to Washington to endeavour to obtain a copy; but, so far, I have not succeeded and do not expect to succeed. I do not care for the whole work, all I want is your botanical report with the plates. If you had one copy to spare, I would be much obliged to you — so will it be with your reports of Whipple, Parke and Others. A full collection of these is very important to me for the present as well as for the future.

With great respect Your most obt. Servant & friend

E. Durand

Ans^d Sept. 18/57.

Prof. John Torrey, N.Y.

Dear Sir,

A package of some one hundred to 150 plants was received this morning at the Acad. of N. Sciences, through Adams Express, without any letter of advice. These plants are labelled W. Jameson — Pl. Oequatoriales; some of them with generic name only, others with both generic and specific names; but by far the greatest number, without any names at all. Locality, altitude and dates given.

Could you inform us from what source they come and if now in the hands of any botanist for further examination?

The curators are desirous to present them at the next meeting and acknowledge the donor's name.

With great respect your most obt friend E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Phil. Sept. 17th 1857.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Philadelphia Sept. 28. 57.

Prof. John Torrey, N. Y.

My dear sir,

The set of plants collected in Whipple Pacific R.R. survey was duly received about two months ago, and presented to the Academy as coming from you. This was indicated by the labels which, I thought, were in your hand writing and they were, at all events, owing to the favor of your indication to the Secretary of War.

We are in frightful times in Philadelphia and I suspect you are not much better off in New-York. How will this crisis terminate? God only Knows.

In the expectation that you are not much affected by it, not being engaged in importation or speculation business I remain, my dear sir

Very truly yours

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

COLUMBIA UNIVERSITY

Prof. John Torrey, N. York.

My dear sir,

Both your letters of 21st & 25th have been exceedingly agreable to me for the good sentiments you express towards me. It will, surely, be a happy day that in which I shall have the pleasure to press your hand and converse with you on the subject of our dear science. Long, very long indeed, since I had the pleasure to see you and I hope you will not defer your visit to Philadelphia further than the present summer, which so far, however, is not very encouraging for a trip of amusement.

I am much obliged to you, my dear sir, for the copies of Bot. of Beechwith & Pope's reports; I hope I shall not be forgotten for the Bot. of the Mexican boundary. Without depriving you of your own copies, One Word of you to the Secretary of War, would, undoubtedly, procure me the Whole volume of this report. I am always in expectation to procure in Washington the 4 first Vol. of reports

I have taken the best care possible of our friend Mr. Buckley, with Whom I was very much pleased.

He was at my house, Saturday morning early, and intended to start on monday morning, but I made him change his plans. We spent the whole day together and visited the Academy of Nat. Sciences in the afternoon. I made him acquainted with some of our best men. On Sunday we were again a good deal together. Monday was employed in a visit to our venerable Dr Darlington and, tuesday, my poor broken leg and the bad weather forbidding, I placed him in the hands of my friend T.P. James who accompanied him to Bartram's garden. He had a great desire to assist to the meeting of the Academy, but the rain was pouring in such torrents that we had to remain at home, as every booly else. On Wednesday Mr James overlooked his mosses and named them for him. He went away yesterday evening, having pretty well employed his time and promising to come and settle here or in Washington, next summer.

Now, my dear Sir, let us return to Xenothera bilaba. Assuredly, in your note you say it appears to be a well marked species. But yet you make it the same as Hartweg's N° 1728. Well, it is precisely the point I contest — Petalis grosse crenato-sub-bilobis, nec regulariter crenulatis, Benth. or Lindley, Conflict

With my description "petalis angustè unguiculatis, obcordato bi-lobis – to which I ought to have added lobis integris. After all my description is not correct in relation to the Stamina, I believe. My specimens were wretched and those received from Dr Short showed some little difference which I do not recollect precisely now.

When you have finished the plants of the Mexican boundary, I think you will have quite sufficient materials for re-commencing a general flora of North America. I would have liked to assist you in these different undertakings. I might have prepared a good deal of work for you, subject to your corrections. Nothing could I delight more in, than that kind of occupation. I long to receive those duplicates which you have set aside for the Academy. Dr Woodhouse told me also that you had a package of the plants collected by him in this Voyage with Capt. Pitgreaves, which is destined to the Academy. I have carried the Academy's herbarium Bor-Americanum as far as Mexico, my friend;

I remain respectfully yours

E. Durand

Phila. May 27th 1858

Please remember to Mr Thurber

COLUMBIA U

Recd. Jany. 13 1859

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. John Torrey, N.Y.

My dear Sir,

I received, a few days ago, a letter from Dr. Hilgard, requesting me very particularly to write to you respecting the plates belonging to our publication of Lt. Williamson's plants, inserted in the fifth Vol. of Reports. He tells me that he has not a single set of them, and that he forwarded to you a five Doll. note to procure for him as many sets of these plates as that sum could afford. Dr. H. regrets very much to have received neither plates nor any acknowledgement of the receipt of that money which he fears has not reached you. Please, my dear Sir, let me know something about it.

I will be very happy to learn what you are now about in botanical matters? I heard from you, I believe, that you were preparing a considerable work, to be published in a forthcoming Volume of Reports, containing all the new plants from Lobeliaceae down to [illegible].

that had been left aside in the preceding publications of Prof. Gray and yourself — The Gramineae by Dr. Thurber, the Filices by Dr. Eaton. Is it so, and when will the whole be published? Shall I have a copy?

Such a work is indeed very much wanted, and with the view to complete it, I had formed the resolution to embody in one publication, with abbreviated descriptions, all the new plants that had been published in various works, since the publication of your N.A. flora, as far as it goes. With your intended labors, my undertaking, successfully performed as I hoped to do it, would have completed the present desideratum of botanists studying our North American plants, as long as the N.A. flora would remain in the imperfect and unachieved state in which it ~~remains~~ is now.

But . . . . After assembling all the works required for my purpose, and having imported the continuation of De Candole prodromus Walpers Annales

and with the hope of assistance at your hands, I begun my labors in earnest and proceeded to the end of Ranunculaceae at the risk of losing my poor eyes. Twice in that lapse of time, I had to stop my work from inflammation of the eyes, the last of which was so serious as to oblige me to give up entirely my undertaking or, otherwise, I would run the risk of losing my sight altogether.

I regret exceedingly this circumstance, as I had confidence in me and expected to render myself for once, useful to the students of Am. Botany. What sustained my courage in this undertaking, was the assistance I expected from you and from Drs. Gray who had promised me to work up the Compositae which were the rocks against which I [illegible] to be wrecked. Thus I must resign [illegible] through this world without having [illegible] [illegible] useful to [illegible] which has been the [illegible]

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

and hobby of all my life.

With great respect, my dear sir, your most obedient servant & devoted friend

C. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Philad. Jan. 12th 1859.

Please remember me to Mr Thurber

Rec'd Nov. 3. 1860
ans'd. Nov. 6

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Prof. J. Torrey, New-York.

My dear Sir,

I have safely arrived by the Arabia, from my visit to Europe. I had the pleasure to pass an agreable evening with our friend Dr. Gray, and I expected to pay you my respects, at my passage through New-York; but on hearing that my old mother in law was very sick at my house, I hurried through N. York, without stopping.

My visit to my native country has been full of enjoyments. I have met with a large family of Nephews and Nieces, all prosperous and affectionate; and I have seen improvements in every thing, which to my french heart have been a source of happiness all the time. I have cultivated friendships; but scarcely paid any attention to our favorite

Science.

I was very well received by those gentlemen for whom I had letters from you, Dr Gray and Dr Engelmann. I delivered to Mr Decaisne the Bot: of the Mexican Boundary, and the other pamphlets to the Botanical Society & to Mr Jacques Gray, the old friend of Asa Gray.

I expect before long Mr Buckley who has been herborizing in Texas for the two last years. He has visited the yet unexplored northern Texas, he will probably bring something new. He has sent me already a paper descriptive of half dozen new trees which will soon be printed in the proceedings of the Academy of Nat. Sciences. How is Thurber going on with his general catalogue? Chapman's Flora of the Southern States seems to me a very complete and excellent work.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Very respectfully yours
Dear Dr Torrey, E. Durand

This Nov. 2d 1860.

Phil. Dec. 27th 1860.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. John Torrey
New-York.,

My dear sir,

I send you a copy of Mr Buckley's paper: It was too late when I received your advice to postpone its publication and, besides, Buckley had requested me to have it published as soon as possible, in fear of being anticipated by others. He had also mentioned to me that he had consulted all the American publications, including your Mexican Boundary, and he was sure that his new species were not there. I had, of course, every reason to believe that he had made no mistake. B.'s speciality is the study of trees and this study has been the object of his present exploration; his view is to get a good knowledge of them and ascertain their geographical range: However, he had overlooked an isolated article of Maj. Leconte, in the

Proceedings of the Ph. Acad. of N. Sciences, some years back, describing under the name of Hicoria (carya) texana, a tree quite different from his. This, I had corrected, at a following meeting of the Academy, into Carya Buckleyi.

I am expecting Buckley in the course of next summer. He has been attached to the Geological Survey of Texas and has already a very large collection, containing, says he, many new plants of the northern part of the State, a section which had not been explored as yet by any botanist.

My announcement to the Academy that you would soon send us a share of the N. B. plants has been received with great pleasure. I hope, when there is chance, that you will spare some few specimens for me, in the same invoice — In as much as I assure you that my collection is destined to the Garden of Plants of Paris, after my death — now that I have fulfilled my duty towards the Phil. Acad. of N. Sciences.

As you say justly, Dr Chapman's book is a very creditable performance. It is the counterpart

of Dr Gray's manual. I hope now that Engelmann will undertake the botany of the Far-West, and that, both you and Dr Gray, will addend appendix to the part of the Flora of N. America, already published, and complete the work.

I have a letter of Prof. Decaisne, requesting me to procure him seeds of the American Cucurbitaceæ, of which they have only 3 species in the Garden of Plants; viz. Echinocystis lobata, Sicydium Lindheimeri & Cucurbita perennis. Should it be in your power to procure me some of the seeds of the 10 or 12 other species, or even specimens of them to send to him?

With great regard and friendship

Yours, A. Durand

My respects to your daughter & Happy new Year!!!

I have received Thuber's letter. I shall write to him as soon as I can answer his enquiries.

GRAY HERBARIUM CORRESPONDENCE COLUMBIA UNIVERSITY.

Philadelphia March 27th 1863.

Prof. John Torrey, New-York.

My Dear Sir,

I have received for you, from Mr Des Moulins President of the Linneen Soc. of Bordeaux, the inclosed publications, addressed to me with other matters, through the Smithsonian Institution. You will find in one of them an attempt on my part to a monograph of the American Vines, intermixed rather too freely with abstracts from a copious correspondance I have had with that Gentleman on the subject of American Vines & Wines. I regret exceedingly to see in print several of these abstracts which ought to have been considered as confidential.

My first communication to Mr Des Moulins having been read by him before the Agricultural Society of Bordeaux, brought to me, almost simultaneously, several letters from Wine-growers, asking for additional information and showing an evident apprehension of an approaching competition from the U. States to the Wines of France. Instead of answering each of these letters separately, I thought it would be much less trouble for me to condense in one paper all the information I could gather, and have this paper published, ad Usum publicum, in one of the French periodicals — and I sent it to the Société d'Acclimatation, for their mensual Journal.

As one of my objects in Writing that popular essay was to assuage the apprehension of a pending competion, which I did not regard as being at hand, I asserted, among other reasons, that Americans in general did not relish the feeble and sour wines of France and that, as long as they would prefer dry Wines, Julyps, Punches, Cobblers, &c &c the production of American Wines in imitation of the French Wines would be limited and harmless to their interest. In support of my proposition, I related several current anecdotes, such as that at page 62, which, even in a popular paper, was scarcely in good taste, but was quite inadmissible where Mr Des Moulins has placed it.

In preparing his papers from abstracts of my letters, Mr D. has committed several errors and misplacements which you will easily find out, if you take the trouble to read them. I regret, my dear sir, not to have a copy of my original paper to present you; but, through the neglect of Prof. Decaisne, who forgot to order a certain number of extra copies to be printed for me, I would not have had the chance to read it, were it not that the Academy of N. Sciences receive, in exchange, the Journal of the Société d'acclim.

Please, My dear Sir, receive the assurance of my most sincere regards

Your obt Servant & friend E. Durand

Durand ~ March 27/63

Rec'd July 18th

Germantown July 15th 1866.

Dr. J. Torrey, New York.

TORREY CORRESPONDENCE
COLUMBIA UNIVERSITY.

My dear Sir

I have received with great pleasure your letter of 10th instant, covering your excellent photograph for the Philosophical Society. It was handed over the next day to the librarian, Mr. Lesley.

You are happy to be able to work in your herbarium, even in your shirt-sleeves and easy dress, during these very hot days. To me the flies are still more troublesome that heat and I have to keep in such darkness, to get rid of them that I can scarcely see what I write. (Shade Thermometer 104°)

I left the city with my family, 3 weeks ago, for a cool Germantown mansion, kept as a summer boarding house. We are certainly better than in the city, but yet complaining very loud, as we have reason to do, when the thermometer is so high with scarcely a breath of air.

Still, how happy you must be in the midst

of your California plants. You say: I hope soon to have duplicates of them for the Philad. Academy... How rejoiced I would have been if you had added and for you also.

I hope that among the Nevada plants, many of the species enumerated in my Pl. Fendlerianae, will be found and my new species confirmed. So with the California plants published by me in Pl. Heermannianae. If you have specimen of Durlingtonia to spare, do not forget me.

With my respectful compliments to your daughters, believe me your devoted friend

E. Durand

My family beg me to be respectfully remembered to you.)

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dr. J. Torrey, New-york.

Dear Sir

I have just received this package from Mr. Nuttall and will send it to you to morrow morning by a friend who will leave it at Milhau's.

I received in due time the five nos. of your flora 2 have been taken since, one by the Philosophical Society and the other by the Alms house. I expect two more subscriptions from the college of Pharmacy and from the Phila. library. I hope I shall have none left to return you and expect even I may write for more.

I will not send you any list of desiderata before I have finished the catalogue of my herbarium; I have gone as far as corymbiferae and expect to have done towards the end of next month; Otherwise, I might insert many that I have already. I find my collection much richer than I expected; but how many doubtful species! I find that I will probably reach 5000 N. A. Spec. I will be much indebted to you to furnish me, at the conditions of your letter, all you can. My collection of exotics is about as numerous and would be happy to give you some in exchange, if preferable. I would send you the catalogue, when made.

Yours respectfully E. Durand

in haste

Professor John Torrey

30 Mc Dougal St

New-York

Care of
John Milhau Esq.

Ann. Dec. 20th

Dear Sir,

I beg you to receive my thanks for the plants you have been good enough to send me through Mr Milhan, who has not as yet found an opportunity to transmit them to me. They will be a source of great enjoyment for the long nights of Winter.

I lend you the 3 last vol. of Decandole; I am unable to procure them to you otherwise. Dr Togno, brother in law of Mr Milhan, is starting for Paris by the Packet of the 8th, you might give him the money to buy them for you, You could not fail to receive them in the course of 60 or 70 days. I shall be very much in want of them during the Winter.

I have since my last, received a letter from Mr Wolle, who sends me another specimen of the Saxifraga Without flowers nor fruit, as the only one he can dispose of at present. He will next year collect as many as he can. He knows but one locality on a mountain where it grows abundantly. If any thing curious in a bundle he is preparing for me, I will send it to you.

Respectfully yours

E. Durand

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Mr Thurber of providence R. I. who is now in this city, tells me that he saw you putting up a parcel of Oregon plants for me, I have not as yet received them. If you could obtain from Dr Torrey, whose direction I do not know, the plants I sent him last year as you can, I would be much obliged to you. I fear lest the worms spoil them and wish to replace them in my herbarium, where their absence forms a considerable gap.

E. Durand

PROVIDENCE
HERBARIUM
COLUMBIA UNIVERSITY.